

Canadian Journal of Anaesthesia



Journal canadien d'anesthésie

EDITOR-IN-CHIEF

David R. Bevan, *Vancouver*

ASSOCIATE EDITOR

Yves Lamarche, *Sherbrooke*

EDITOR EMERITUS

R.A. Gordon, *Toronto*

EDITORIAL BOARD

Keisuke Amaha, *Tokyo*

David P. Archer, *Calgary*

Frank Cervenko, *Kingston*

Joanne Douglas, *Vancouver*

Barry A. Finegan, *Edmonton*

Gerald V. Goresky, *Calgary*

Richard I. Hall, *Halifax*

Jean-François Hardy, *Montréal*

Robert J. Hudson, *Winnipeg*

David H. Johnson, *Saskatoon*

Pascal Labrecque, *Québec*

Jerrold Lerman, *Toronto*

Donald R. Miller, *Ottawa*

Carol Stockall, *London*

Gilles Plourde, *Montréal*

Kari G. Smedstad, *Hamilton*

MANAGING EDITOR

Angela M. Fritsch, *Toronto*

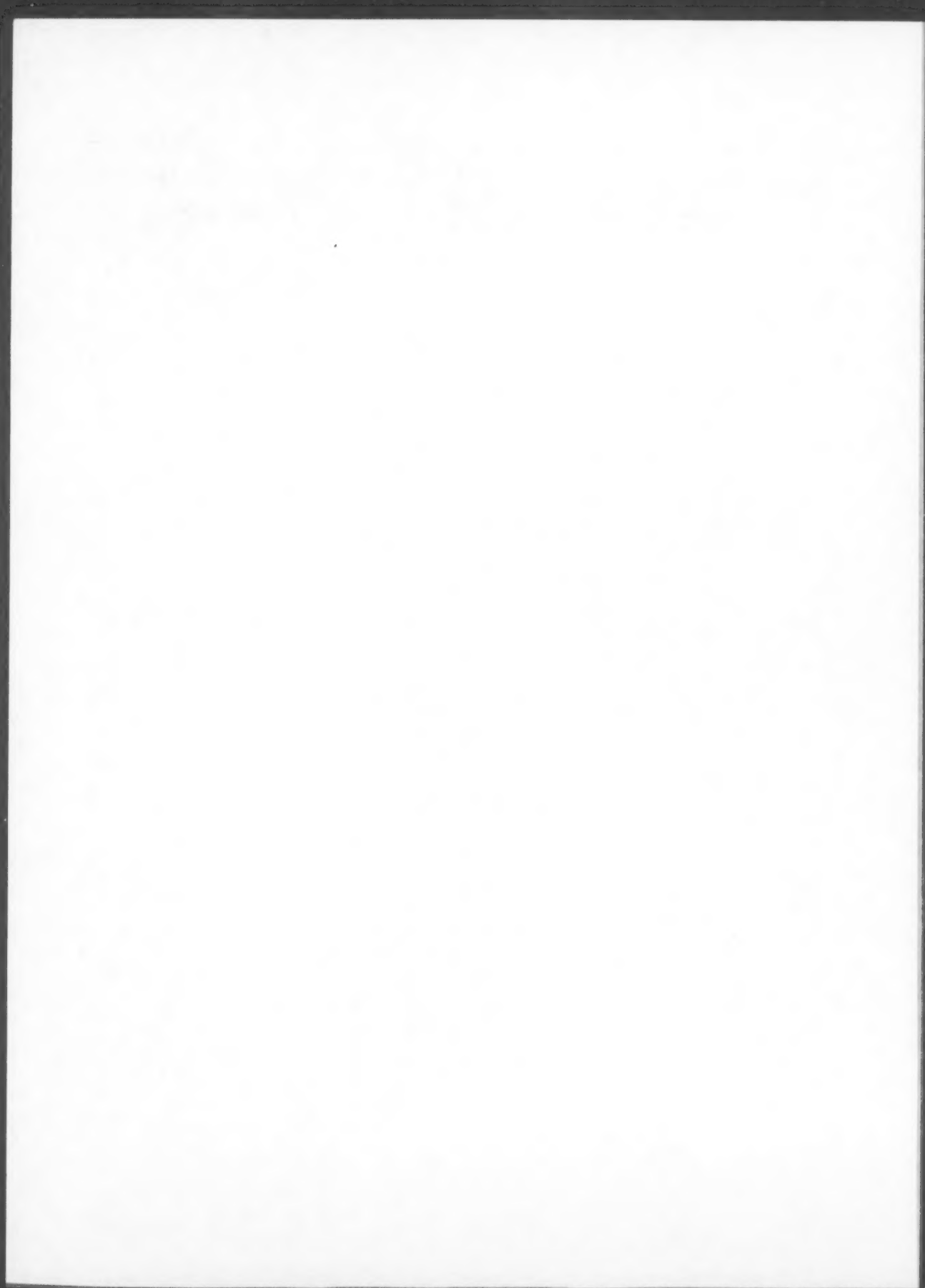
EDITORIAL ASSISTANT

Rosemary Dickinson, *Vancouver*

TYPESETTER

April D. Haisell, *Toronto*

VOLUME 44, 1997



Canadian Journal of Anaesthesia

Index of Authors

Volume 44, December 1997

NOTE: All articles without a category following (e.g., clinical report) are reports of investigation. References that begin with "A" or "R" are abstracts or refresher course outlines contained in the May *Annual Meeting Supplement*.

- Abajian JC, see Williams RK, jt. auth.
 Abe K, Miyamoto T, Ohnishi K. Hyperthermia after cardiac surgery (clinical report), 662
 see Shimizu T, jt. auth.
 Adams S, see St-Amand MA, jt. auth.
 Adams TJ, see Grange CS, jt. auth.
 Agostoni M, see Casati A, jt. auth.
 Aibiki M, see Nishiyama T, jt. auth.
 Al-Abdal OA, see Vaghadia H, jt. auth.
 Aldigheri G, see Casati A, jt. auth.
 Alhashemi JA, Crosby ET, Grodecki W, Duffy PJ, Hull KA, Gallant C. Treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine, 1060
 - Grodecki W, Crosby ET, Duffy PJ, Hull KA. Effect of treatment of subarachnoid morphine-induced pruritus on postoperative nausea and vomiting (abstract), A18-B
 - Grodecki W, Crosby ET, Duffy PJ, Hull KA. Treatment of intrathecal morphine-induced pruritus; diphenhydramine *vs* nalbuphine (abstract), A25-A
 - Lui ACP, Reid D, Cicutti N, Krepski B. Effects of nebulized lidocaine on the hyperdynamic response to tracheal intubation (abstract), A4-A
 - Lui ACP, Reid D, Cicutti N, Krepski B. Effects of superior laryngeal nerve block on heart rate and blood pressure responses to endotracheal intubation (abstract), A4-B
 - Miller DR, O'Brien HV, Hull KA. Cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery, 118
 Ali M, see Davison PJ, jt. auth.
 Ali NS, see Davison PJ, jt. auth.
 Alihanka JJM, see Nikkila EM, jt. auth.
 Al-Kaisy AA, Chan V, Peng P, Perlas A, Miniaci A. Postoperative analgesic effect of low dose bupivacaine for interscalene brachial plexus block for shoulder surgery, a dose finding study (abstract), A60-A
 Al-Qatari M, see Hung OR, jt. auth.
 Amaha K, see Saitoh T, jt. auth.
 Ananthanarayan C, Cole AFD, Kazdan M. Difficult intubation and brain-stem anaesthesia (clinical report), 658

- Anatol TI, Pitt-Miller P, Holder T. Trial of three methods of intraoperative bupivacaine analgesia for pain after paediatric groin surgery, 1053
 Andrade LOF, see Gomez RS, jt. auth.
 Andrini P, see Bijaoui E, jt. auth.
 Ansley D, see Dryden PJ, jt. auth.
 Aranda JV, see Withington DE, jt. auth.
 Archer DP, Roth SH. Enhancement of CNS activity by thio-pentone: comparison of nocifensive reflex thresholds with hippocampal electroencephalography (abstract), A35-A
 - Samanani N, Roth SH. Nocifensive reflex thresholds in rats: measures of central nervous system effects of barbiturates (laboratory investigation), 765
 Arellano R, see Kolesar R, jt. auth.
 see Nishida O, jt. auth.
 Armstrong K, see Ganapathy S, jt. auth.
 Arndt GA, Gerry T, White P. Postoperative rep paralysis after rocuronium following nebulized epinephrine (clinical report), 321
 Arnell M, see Bignell SJ, jt. auth.
 Arsenault M-Y, see Roy L, jt. auth.
 Ascar JG, see Oyston JP, jt. auth.
 Asokumar B, see Hossain I, jt. auth.
 Aye T, Milne B, Ballantyne M. Cardiac output estimation by visual inspection *vs* thermomodulation during cardiac surgery, 126
 Ayoub J, Cohendy R, Dauzat M, Targhetta R, De La Coussaye JE, Bourgeois JM, Ramonatto M, Prefaut C, Pourcelot L. Non-invasive quantification of diaphragm kinetics using m-mode sonography (measurement technique), 739
 Bach A, see Schröter J, jt. auth.
 Bachand M, Vachon N, Boisvert M, Mayer FM, Chartrand D. Clinical reassessment of malignant hyperthermia in Abitibi-Témiscamingue, 696
 Backman SB, Gilron I, Robbins R. Protamine-induced hypotension and bradycardia in a cardiac transplant patient (clinical report), 520
 - Stein RD, Fox GS, Polosa C. Heart rate changes in cardiac transplant patients and in the denervated cat heart after edrophonium, 247
 see Stein RD, jt. auth.
 Baconnier P, see Bijaoui E, jt. auth.
 Badner NH, Craen RA, Paul TL, Doyle JA. Anaesthesia preadmission assessment: a new approach through use of a screening tool (abstract), A70-B

- Komar WE, Craen RA. Patient attitudes regarding PCA and associated costs, 255
- Murkin JM, Mohr J, McKenzie FN. Same day cardiac surgery: a Canadian perspective (abstract), A5-B
- Babar M, Cohen ML, Grinshpon Y, Chanimov M. Spinal anaesthesia with midazolam in the rat (laboratory investigation), 208
- Baker AJ, see Reinders FX, jt. auth.
- Ballantyne M, see Aye T, jt. auth.
see Duncan PG, jt. auth.
see Pattee C, jt. auth.
- Bandla HPR, Smith DE, Kiernan MP. Laryngeal mask airway facilitated fiberoptic bronchoscopy in infants, 1242
- Barbin C, see Fletcher D, jt. auth.
- Barboten A, see Fletcher D, jt. auth.
- Barre J, see Lafont ND, jt. auth.
- Basta M, see Chullerier DJ, jt. auth.
see Sharpe MD, jt. auth.
- Bauman A, see Lee A, jt. auth.
- Baxter AD. Low and minimal flow inhalational anaesthesia (continuing medical education), 643
- Baxter FJ. Septic shock (review article), 59
- Beamish T, see Milne A, jt. auth.
- Beattie WS. The effect of 24 hours of post-operative epidural analgesia on postoperative cardiac morbidity and mortality: a meta-analysis (abstract), A19-B
- Beccaria P, see Casati A, jt. auth.
- Beehan SJ, see Lee A, jt. auth.
- Bégou G, see Parlow J, jt. auth.
- Bellemare F, see Jodoin C, jt. auth.
- Belo S, see Warriner CB, jt. auth.
- Bendahan D, see Kozak-Ribbens G, jt. auth.
- Bender JS, Halpern SH, Thangaroopan M, Jadad AR, Ohlsson A. Quality and retrieval of obstetrical anaesthesia randomized controlled trials, 14
- Benedict C, see Cleave-Hogg D, jt. auth.
- Bernadska E, see Snedden W, jt. auth.
- Bernards CM, Kern C, Cullen BF. Chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep (laboratory investigation), 202
- Bernett C, see Cascio M, jt. auth.
- Berrill A, see Viskari D, jt. auth.
- Berry AM, see Brimacombe JR, jt. auth.
- Berti M, see Casati A, jt. auth.
- Betts TA, see Sanderson PM, jt. auth.
- Bevan DR, see McEwin L, jt. auth.
- Bhavani-Shankar K, Moseley HSL, Mushlin PS, Hallsworth RA, Fakoor M, Walrond ER. Anaesthesia in Barbados (special article), 559
- Saliba Hart N, Mushlin PS. Negative pressure induced airway and pulmonary injury (clinical report), 78
- Bignell SJ, Jones S, Sleight J, Arnell M. Prospective randomised double blind evaluation of epidural vs intravenous fentanyl (abstract), A67-A
- Bijaoui E, Carry PY, Eberhard A, Andrini P, Perdrix JP, Baconnier P. La correction du débit en présence d'une fuite entre trachée et sonde endotrachéale (laboratory investigation), 216
- Billard V, see Giraud O, jt. auth.
- Birey M, see Durak I, jt. auth.
- Birgegård G, see Milbrink J, jt. auth.
- Bishop MJ, see Choi JH, jt. auth.
- Bissonnette B, see McAuliffe G, jt. auth.
- Blair L, see Troncy E, jt. auth.
- Blaise G, Guy C, To Q, Sauvé R. Do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors? (laboratory investigation), 550
- Yang F, Nguyen H, Troncy E, Czaika G. Halothane does not attenuate the vasorelaxation induced by a nitric oxide solution (abstract), A45-B
see Troncy E, jt. auth.
- Boisvert M, see Bachand M, jt. auth.
- Boogaerts JG, see Lafont ND, jt. auth.
- Booker PD, see Cheung SLW, jt. auth.
- Bossard RF, see Singh H, jt. auth.
- Boudreault D, see Couture P, jt. auth.
- Bourgain JL, see Giraud O, jt. auth.
- Bourgeois JM, see Ayoub J, jt. auth.
- Bourne R, see Scheepers L, jt. auth.
- Bourzoufi K, see Fleyfel M, jt. auth.
- Boutin C, see McAuliffe G, jt. auth.
- Boyle K, Raman S, Manninen P. Incidence of immediate postoperative complications in neurosurgical patients (abstract), A36-A
- Boyle P, see Nishida O, jt. auth.
- Bradburn BG, see Diemunsch P, jt. auth.
- Bradley J, see Morgan PJ, jt. auth.
- Bragg P, see Curran M, jt. auth.
- Bragg PR, see Rosaeg OP, jt. auth.
- Brant R, see Moir CL, jt. auth.
- Breen TW, see Giesinger CL, jt. auth.
- Brimacombe JR, Berry AM. Cricoid pressure (review article), 414
- Bristow GK, see Nicolaou G, jt. auth.
- Brock-Utne JG, see Walker DS, jt. auth.
- Brookman CA, Teh HP, Morrison LM. Anticholinergics improve fiberoptic intubating conditions during general anaesthesia, 165
- Brown JIM, see Reinders FX, jt. auth.
- Brown RA, see Diemunsch P, jt. auth.
- Bruyninckx FL, see Marcus MAE, jt. auth.
- Buggy D, Higgins P, Moran C, O'Donovan F, McCarroll M. Clonidine at induction reduces shivering after general anaesthesia, 263

- Burbridge B, see Hurst T, jt. auth.
 Burr LH, see Dryden PJ, jt. auth.
 Burrows EA, see Shenkman Z, jt. auth.
 Byers GF, Muir JG. Detecting wakefulness in anaesthetised children, 486
 Bynon S, see Frenette L, jt. auth.
 Byrick R, see Morgan PJ, jt. auth.
 Byrick RJ, McKnight DJ, Kurrek M, Kolton M, Cleave-Hogg D, Haughton J, Halpern S, Kronberg J. Integration of crisis management using simulation-based education into postgraduate training: first year's experience (abstract), A40-B
 see Murphy P, jt. auth.
 Byrne TK, see Reeves ST, jt. auth.
- Calikyan AO, Tilmaz O, Kose Y. Comparison of preemptive analgesic effects of epidural vs intravenous fentanyl (abstract), A68-B
 Cambier C, see Deladrière H, jt. auth.
 Canbolat O, see Durak I, jt. auth.
 Carlen PL, see El-Beheiry H, jt. auth.
 Carr AS, see Zestos MM, jt. auth.
 Carreres C, see Fletcher D, jt. auth.
 Carrier J, Martin R, Pirlet M, Claprood Y, Tétrault J-P. What is the best non-depolarizing relaxant to prevent succinylcholine fasciculations and myalgia? (abstract), A-24A
 Carrier M, see Searle NR, jt. auth.
 Carroll-Munro J, see Cheng DCH, jt. auth.
 see Dowd N, jt. auth.
 see Wong DT, jt. auth.
 Carry PY, see Bijaoui E, jt. auth.
- Casati A, Fanelli G, Berti M, Beccaria P, Agostoni M, Aldegheri G, Torri G. Cardiac performance during unilateral lumbar spinal block after crystalloid preload, 623
 Cascio M, Pygon B, Bernett C, Ramanathan S. Labour analgesia with intrathecal fentanyl decreases maternal stress, 605
 Cassidy JD, see Goranson BD, jt. auth.
 Cavellé-Garrido T, see McAuliffe G, jt. auth.
 Cenic A, see Craen RA, jt. auth.
 Chai CY, see Tang CY, jt. auth.
 Chakravorti S, see Goudsouzian N, jt. auth.
 Chamberlain W, see Curran M, jt. auth.
 Chan A, see Duffy CM, jt. auth.
 Chan ASH, see Manninen PH, jt. auth.
 Chan V, see Al-Kaisy AA, jt. auth.
 see Peng P, jt. auth.
 Chanimov M, see Bahar M, jt. auth.
 Charbonneau M, see Troncy E, jt. auth.
 Charbonnet C, see Linz SM, jt. auth.
 Chartrand D, see Bachand M, jt. auth.
 Chedore T, see Cole J, jt. auth.
- Chedrawy E, Hall R, Nedelcu V. Postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction?, 843
 Chedrawy EG, Hall RI, Nedelcu V. Postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (abstract), A32-A
 Chen AA, see Nicolaou G, jt. auth.
 Chen SY, see Tang CY, jt. auth.
 Cheng D. The drug addicted patient (refresher course outline), R101; R107
 see Dowd N, jt. auth.
 see Hosain I, jt. auth.
- Cheng DCH, Wong DT, Kustra R, Karski J, Carroll-Munro J, Tibshirani RJ, Sandler AN. Predictors of prolonged extubation time (EXT) in CABG patients undergoing early extubation anaesthesia (abstract), A9-A
 see Cregg N, jt. auth.
 see Nichida O, jt. auth.
 see Saccomanno PM, jt. auth.
 see Wong DT, jt. auth.
- Cherng CH, see Wong CS, jt. auth.
- Cheung SLW, Booker PD, Franks R, Pozzi M. Serum concentrations of bupivacaine during prolonged continuous paravertebral infusion in young infants (abstract), A52-B
 Chilvers CR, Kinahan A, Vaghadia H, Merrick PM. Pharmacoeconomics of intravenous regional anaesthesia vs general anaesthesia for outpatient hand surgery, 1152
 Chinyanga HM, see Mashava D, jt. auth.
- Choi JH, Rooke GA, Wu SC, Bishop MJ. Reduction in post-intubation respiratory resistance by isoflurane and albuterol, 717
 Choi P, see Raymer K, jt. auth.
- Choo SM, see Lim TW, jt. auth.
- Choquette R, see Motamed C, jt. auth.
- Chorn R, see Jacobsen E, jt. auth.
- Chou TC, see Li CY, jt. auth.
- Chung F, Mezei G. Intraoperative adverse events during ambulatory surgical procedures (abstract), A70-A
 see Cruise CJ, jt. auth.
 see Duffy CM, jt. auth.
 see Peng P, jt. auth.
 see Tong D, jt. auth.
- Cicutti N, see Alhashemi JA, jt. auth.
- Cicutti NJ, see Rosaeg OP, jt. auth.
- Clanachan AS, see Lazar ER, jt. auth.
 see Wachowski I, jt. auth.
- Claprood Y, see Carrier J, jt. auth.
- Clark AJ, see Hawboldt GS, jt. auth.
 see Vakharia N, jt. auth.
- Claxton AR, see Peng P, jt. auth.
- Cleave-Hogg D, Benedict C. Characteristics of good anaesthesia teachers, 587
 see Byrick RJ, jt. auth.
 see Morgan PJ, jt. auth.

- Cleland MJ, Crosby ET. Electrocardiographic "pacemaker pseudo-spikes" and radio frequency interference (technical report), 751
- Cogliati AA, see Marino P, jt. auth.
- Cohen M, see Kurrek MM, jt. auth.
- Cohen ML, see Bahar M, jt. auth.
- Cohen MM, see Devitt JH, jt. auth.
see Karkouti K, jt. auth.
see Rose DK, jt. auth.
- Cobendy R, see Ayoub J, jt. auth.
- Cole AFD, see Ananthanarayan C, jt. auth.
- Cole C, see Warriner CB, jt. auth.
- Cole J, Chedore T, Snedden W, Green RG. Compatibility of morphine and toradol as a mixture (abstract), A20-B
- Collet J-P, see Troncy E, jt. auth.
- Collier B, see Stein RD, jt. auth.
- Comeau L, see Hung OR, jt. auth.
- Concha M, González J, González A, Dagnino J, Molina R. Epidural anaesthesia for ureteral reimplantation in an infant with congenital tracheal stenosis (clinical report), 666
- Confort-Gouny S, see Kozak-Ribbens G, jt. auth.
- Connelly NR, see Shulman GB, jt. auth.
- Connolly LA, see Lauer KK, jt. auth.
- Conti G, see Marino P, jt. auth.
- Conway CM, see Nishiyama T, jt. auth.
- Cook DR, see Goudsouzian N, jt. auth.
- Cook-Sather SD, Liacouras CA, Previte JP, Markakis DA, Schreiner MS. Gastric fluid measurement by blind aspiration in paediatric patients: a gastroscopic evaluation, 168
- Tulloch HV, Liacouras CA, Schreiner MS. Gastric fluid volume in infants for pyloromyotomy, 278
- Coonan E, see Hung OR, jt. auth.
- Copplestone C, see Rose DK, jt. auth.
- Côté DL. Heparin/protamine dosing guided by *in vitro* testing does not reduce blood loss and transfusion in cardiac surgery (abstract), A9-B
- Côté S, see Searle NR, jt. auth.
- Cotev S, see Shenkman Z, jt. auth.
- Couture J, see Jodoin C, jt. auth.
- Couture P, Boudreault D, Girard F, Girard D, Ratelle R. Haemodynamic effects of mechanical peritoneal retraction during laparoscopic cholecystectomy, 467
- Cox J, see Frenette L, jt. auth.
- Cox P, see Swan H, jt. auth.
- Cozzone PJ, see Kozak-Ribbens G, jt. auth.
- Craen RA, Cenic A, Lee T-Y, Gelb AW. The effect of hypocapnia on cerebral blood volume during isoflurane anaesthesia in rabbits with brain tumours (abstract), A36-B
see Badner NH, jt. auth.
see Williams JM, jt. auth.
- Cregg N, Cheng DCH, Williams WG, Karski JM, Siu S, Webb G. Morbidity outcome in patients undergoing cardiac septal myectomy – early extubation anaesthesia (EEA) vs high dose narcotic (HDN) anaesthesia (abstract), A8-B
- Creighton R, see Zestos MM, jt. auth.
- Crochetière C, see Roy L, jt. auth.
- Crosby ET, see Alhashemi JA, jt. auth.
see Cleland MJ, jt. auth.
see Kaki A, jt. auth.
see Smith JA, jt. auth.
- Crossan ML, see Curran M, jt. auth.
see Rosaeg OP, jt. auth.
- Cruise CJ, Chung F, Togendran S, Little D. Music increases satisfaction in elderly outpatients undergoing cataract surgery, 43
- Cuillerier DJ, Sharpe MD, Lee JK, Basta M, Krahn AD, Klein GJ, Yee R. Sevoflurane does not appear to have any effect on SA node function and intraatrial conduction in Wolff-Parkinson-White Syndrome (WPW) (abstract), A22-B
see Sharpe MD, jt. auth.
- Cujec B, see Hurst T, jt. auth.
- Cullen BF, see Bernards CM, jt. auth.
- Curran M, Bragg P, Chamberlain W, Crossan ML. Music enhances patient controlled sedation for monitored anaesthesia care (abstract), A72-B
- Cushing EV, Mills KR. Does radiant heat on the blush area inhibit shivering and decrease rewarming time through peripheral vasodilation? A proposed new method for rewarming postoperative cardiac and surgical patients (abstract), A60-B
- Czaika G, see Blaise G, jt. auth.
- Dagnino J, see Concha M, jt. auth.
- Dagnone AJ, Parlow JL. Effects of inhaled salbutamol and ipratropium bromide on autonomic control of the cardiovascular system (abstract), A45-A
- Danersund A, see Milbrink J, jt. auth.
- Dauphin A, Gupta RN, Young JEM, Morton WD. Serum bupivacaine concentrations during continuous extrapleural infusion, 367
- Danzat M, see Ayoub J, jt. auth.
- Davison PJ, Ali M, Ali NS. Perioperative cardiovascular evaluation and ACC/AHA guidelines – do we change our practice (abstract), A64-A
- De Kock M, Lagmiche A, Scholtes JL. Postoperative pain management with IV sufentanil PCA: a prospective open study (abstract), A18-A
- De La Cousaye JE, see Ayoub J, jt. auth.
- Decailot F, see Vedrinne JM, jt. auth.
- Defalque RJ, Hyder ML. Laryngeal mask airway in severe cervical ankylosis (clinical report), 305

- Deladrière H, Cambier C, Pendeville P.* Comparison of neuromuscular blockade on the thumb and on the big toe after administration of rocuronium (abstract), A47-A
- DeLima LGR, Mehta MP, Silva LEO, May WL, Maliakkal RJ.* Loss of consciousness and hypoxemia in patients during sedation for digestive endoscopy (abstract), A71-B
see *Mehta M*, jt. auth.
- DeMajo W*, see *Nishida O*, jt. auth.
- Demers-Pelletier J, Drolet P, Girard M, Donati F.*
Comparison of rocuronium and *d*-tubocurarine for prevention of succinylcholine-induced fasciculations and myalgia, 1144
- Denman W*, see *Goudsouzian N*, jt. auth.
- Derveniotsis CH*, see *Fassoulaki A*, jt. auth.
- Despond O, Fiset P.* Oxygen venous embolism after the use of hydrogen peroxide during lumbar discectomy (clinical report), 410
- Devitt JH, Kurrek MM, Cohen MM, Fish K, Fish P, Murphy PM, Szalai JS.* Testing the raters: inter-rater reliability of standardized anaesthesia simulator performance, 924
- *Kurrek M, Cohen MM, Shaw M.* Peaks and valleys of anaesthetic charting (abstract), A49-B
see *Kurrek MM*, jt. auth.
- D'Hollander A*, see *Diemunsch P*, jt. auth.
- Diemunsch AM, Gervais R.* CO₂ absorbents do not share the same physical properties (abstract), A50-B
- Diemunsch P, Leeser J, Feis P, D'Hollander A, Bradburn BG, Paxton D, Whitmore J, Panouillot P, Navé S, Brown RA, Hahne WF.* Intravenous dolasetron mesilate ameliorates postoperative nausea and vomiting, 173
- Dikmen B*, see *Durak I*, jt. auth.
- Ding YA*, see *Li CY*, jt. auth.
- Doak G.* Discontinuing drugs before surgery (refresher course outline), R112; R118
see *Neumeister MW*, jt. auth.
- Dobkowski WB, Grant DR, Wall WJ.* Additional dose of aprotinin may improve hemodynamics during postreperfusion period in patients undergoing orthotopic liver transplantation (OLT) (abstract), A31-B
- *Kutt JL, Mezon BY, Grant DR, Wall WJ.* Aprotinin may affect extubation time after orthotopic liver transplantation (abstract), A34-A
- Doiron L*, see *Wong TD*, jt. auth.
- Donati F*, see *Demers-Pelletier J*, jt. auth.
see *Ibebunjo C*, jt. auth.
see *Motamed C*, jt. auth.
- Douglas J*, see *Muir HA*, jt. auth.
- Douglas MJ*, see *Grange CS*, jt. auth.
- Dowd N, Cheng D, Karski J, Wong D, Carroll-Munro J, Trachuk C, Sandler A.* Intraoperative awareness in cardiac surgery with early extubation anaesthesia (abstract), A8-A
- Downey DB*, see *St-Amand MA*, jt. auth.
- Doyle DJ*, see *Orser B*, jt. auth.
- Doyle JA*, see *Badner NH*, jt. auth.
- Draper PN*, see *Rudston-Brown B*, jt. auth.
- Drenger B*, see *Shenkman Z*, jt. auth.
- Drolet P*, see *Demers-Pelletier J*, jt. auth.
see *Massé É*, jt. auth.
- Dryden PJ, O'Connor JP, Jamieson WRE, Reid I, Ansley D, Sadeghi H, Burr LH, Munro AI, Merrick PM.*
Transexamic acid reduces blood loss and transfusion in reoperative cardiac surgery, 934
- Dua R*, see *Reinhart DJ*, jt. auth.
- Ducruet T*, see *Troney E*, jt. auth.
- Duffy CM, Manninen PH, Chan A, Kearns CF.*
Comparison of cerebral oximeter and evoked potential monitoring in carotid endarterectomy, 1077
- *Manninen PH, Chung F, Fehlings MG, Wright TA.*
Assessment of a new ultrafiltration blood processing system (equipment review), 1204
- Duffy PJ*, see *Alhashemi JA*, jt. auth.
- Duncan PG, Ballantyne M.* Does the method of payment affect anaesthetic practice? An evaluation of an Alternate Payment Plan (health care research), 503
- Dunington S*, see *Fisher A*, jt. auth.
see *Fisher JA*, jt. auth.
- Dunn G*, see *Kolesar R*, jt. auth.
see *Scheepers L*, jt. auth.
- Dunn GS, Reimer EJ, Scheepers L, Sanderson P, Merrick PM, Montgomery C.* The effectiveness of oral clonidine as a perioperative analgesic in paediatric adenotonsillectomy (abstract), A54-B
- Duperret S*, see *Vedrinne JM*, jt. auth.
- Durak I, Kurtipek O, Öztürk HS, Birey M, Güven T, Kavutcu M, Kaçmaz M, Dikmen B, Yel M, Canbolat O.*
Impaired antioxidant defence in guinea pig heart tissues treated with halothane (laboratory investigation), 1014
- Dust WN*, see *Goranson BD*, jt. auth.
- Eagle C*, see *Slysh S*, jt. auth.
- Eberhard A*, see *Bijaoui E*, jt. auth.
- Eckhoff D*, see *Frenette L*, jt. auth.
- Ecoffey C*, see *Plaud B*, jt. auth.
see *Souron V*, jt. auth.
- Edelist G*, see *Murphy P*, jt. auth.
- Edelstein S*, see *Fisher A*, jt. auth.
see *Fisher JA*, jt. auth.
- Eidelman LA*, see *Shenkman Z*, jt. auth.
- Ekblad UU*, see *Nikkola EM*, jt. auth.
- Elami A*, see *Shenkman Z*, jt. auth.
- El-Beheiry H, Jahromi SS, Weaver J, Morris M, Carlen PL.*
Pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults (abstract), A61-A
- Elpeleg ON*, see *Shenkman Z*, jt. auth.

- Eltringham R.* Public relations in anaesthesia (refresher course outline), R131, R134
- Errett L*, see *Lye A*, jt. auth.
- Eshelby D*, see *Ibebunjo C*, jt. auth.
- Evans B*, see *Moote C*, jt. auth.
- Fakoory M*, see *Bhavani-Shankar K*, jt. auth.
- Falgueirettes C*, see *Fletcher D*, jt. auth.
- Fanelli G*, see *Casati A*, jt. auth.
- Farine D*, see *Lapinsky SE*, jt. auth.
- Farmer S*, *Muir H.* A prospective quality assurance review of anaesthetic technique for lower extremity surgery (abstract), A27-B
- Fassoulaki A*, *Sarantopoulos C*, *Derveniotes CH.* Physostigmine increases the dose of propofol required to induce anaesthesia, 1148
- Fear DW*, see *Schultz, J-A I*, jt. auth.
- Fehlings MG*, see *Duffy CM*, jt. auth.
- Feiss P*, see *Diemunsch P*, jt. auth.
- Finegan BA*, *Finucane BT.* The attitude of the general public toward anaesthetists and the prospect of general anaesthesia (abstract), A38-A
see *Wachowski I*, jt. auth.
see *Warriner CB*, jt. auth.
- Finucane BT*, see *Finegan BA*, jt. auth.
- Fiset P*, see *Despond O*, jt. auth.
- Fish K*, see *Devitt JH*, jt. auth.
- Fish P*, see *Devitt JH*, jt. auth.
- Fisher A*, *Volgyesi G*, *Silverman J*, *Edelstein S*, *Rucker J*, *Sommer L*, *Dunington S.* Limitations to vital capacity inhalation induction with Ohmeda circle circuit (abstract), A11-B
- Fisher JA*, *Volgyesi G*, *Silverman J*, *Edelstein S*, *Rucker J*, *Sommer L*, *Dunington S.* Priming circle anaesthetic circuits for rapid inhalation induction of anaesthesia (abstract), A12-A
- Fisher QA*, *Shaffner DH*, *Yaster M.* Detection of intravascular injection of regional anaesthetics in children, 592
- Fletcher D*, *Nègre I*, *Barbin C*, *François A*, *Carreres C*, *Falgueirettes C*, *Barboten A*, *Samii K.* Postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery, 479
see *Souron V*, jt. auth.
- Fletcher M*, see *Kolesar R*, jt. auth.
- Fleyfel M*, *Bourzoufi K*, *Huin G*, *Subtil D*, *Puech F.* Recombinant tissue type plasminogen activator treatment of thrombosed mitral valve prosthesis during pregnancy (clinical report), 735
- Foëx P.* The myocardium (refresher course outline), R67; R73
- Forster B*, see *Mayson K*, jt. auth.
- Fox GS*, see *Backman SB*, jt. auth.
see *Ibebunjo C*, jt. auth.
- Fradet Y*, see *Sandler A*, jt. auth.
- Francis H*, see *Vakharia N*, jt. auth.
- Francaeur M*, see *Troncy E*, jt. auth.
- François A*, see *Fletcher D*, jt. auth.
- Franks R*, see *Cheung SLW*, jt. auth.
- Frenette L*, *Cox J*, *Lockhart B*, *McArdle P*, *Eckhoff D*, *Bynon S.* A prospective randomized study showed a decrease in red blood cell and fresh frozen plasma transfusion when conjugated estrogen (Premarin) administration is compared to placebo during orthotopic liver transplantation (abstract), A31-A
- Fuchs-Buder T*, see *Tramèr MR*, jt. auth.
- Fugère F*, see *St-Onge S*, jt. auth.
- Fujii Y*, *Tanaka H*, *Toyooka H.* Granisetron reduces the incidence and severity of nausea and vomiting after laparoscopic cholecystectomy, 396
- Granisetron reduces postoperative nausea and vomiting throughout menstrual cycle, 489
 - Prophylactic antiemetic efficacy of granisetron in patients with and without previous postoperative emesis, 273
 - *Toyooka H*, *Tanaka H.* Cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients, 1082
 - *Toyooka H*, *Tanaka H.* Prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness, 820
- Fuller JG*, see *Spadafora SM*, jt. auth.
- Futers L*, see *Orser B*, jt. auth.
- Gagnon L*, see *Searle NR*, jt. auth.
- Galindo S*, see *Muñoz Corsini L*, jt. auth.
- Gallant C*, see *Alhashemi JA*, jt. auth.
- Gambling D*, see *Muir HA*, jt. auth.
- Ganapathy S*, *Herrick LA*, *Gelb AW*, *Kirkby J.* Propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients, 385
- *Moote C*, *Wassermann R*, *Watson J*, *Armstrong K.* Efficacy of continuous femoral block following total knee arthroplasty (abstract), A68-A
see *Moote C*, jt. auth.
- Gelb A*, see *Orser B*, jt. auth.
- Gelb AW*, see *Craen RA*, jt. auth.
see *Ganapathy S*, jt. auth.
- Gelula MH*, see *Spadafora SM*, jt. auth.
- Gerry T*, see *Arndt GA*, jt. auth.
- Gervais R*, see *Diemunsch AM*, jt. auth.
- Gibson C*, see *Shulman GB*, jt. auth.
- Giesbrecht GG*, see *Nicolaou G*, jt. auth.
- Giesinger CL*, *Halpern SH*, *Breen TW.* Comparison of epidural fentanyl and lidocaine with subarachnoid sufentanil analgesia during labour (abstract), A16-B
- Gilron I*, see *Backman SB*, jt. auth.
- Girard D*, see *Couture P*, jt. auth.

- Girard F, see Couture P, jt. auth.
- Girard M, see Demers-Pelletier J, jt. auth.
see Massé É, jt. auth.
see St-Onge S, jt. auth.
- Giraud O, Bourgain JL, Marandas P, Billard V. Limits of laryngeal mask airway in patients after cervical or oral radiotherapy, 1237
- Girling L, see Wong TD, jt. auth.
- Glantz L, see Shenkman Z, jt. auth.
- Gnanendran KP, see Halpern S, jt. auth.
- Goldberg ME, see Reinhart DJ, jt. auth.
- Gomez RS, Andrade LOF, Rezende Costa JR. Brainstem anaesthesia after peribulbar anaesthesia (clinical report), 732
- González A, see Concha M, jt. auth.
- Gonzalez A, see Muñoz Corsini L, jt. auth.
- González J, see Concha M, jt. auth.
- Goodman NW, see Smith AJ, jt. auth.
- Goranson BD, Lang S, Cassidy JD, Dust WN, McKerrell J. A comparison of three regional anaesthesia techniques for outpatient knee arthroscopy, 371
- Goto F, see Ishizaki K, jt. auth.
- Goudsouzian N, Chakravorti S, Denman W, Schwartz A, Tang HS, Cook DR. Prolonged mivacurium infusion in young and elderly adults, 955
- Goujard E, see Souron V, jt. auth.
- Grange CS, Douglas MJ, Adams TJ, Merrick PM, Lucas SB. The effect of spinal anaesthesia on cerebral blood flow in parturients undergoing caesarean section (abstract), A15-B
- Grant DR, see Dobkowski WB, jt. auth.
- Grant GJ, see Krishna BR, jt. auth.
- Gratadour P, see Vedrinne JM, jt. auth.
- Green RG, see Cole J, jt. auth.
- Grinshpon Y, see Bahar M, jt. auth.
- Grodecki W, see Alhashemi JA, jt. auth.
- Grossman RF, see Lapinsky SE, jt. auth.
- Guard B, Sickich N, Lerman J, Levine M. Recovery characteristics of sevoflurane and propofol after ambulatory urological surgery in children (abstract), A53-A
- Guengniaud PY, Muchada R, Mousa M, Haro D, Petit P. Continuous oesophageal aortic blood flow echo-Doppler measurement during general anaesthesia in infants (measurement technique), 745
- Guillaume C, see Lafont ND, jt. auth.
- Guimond J-G, see Troncy E, jt. auth.
- Gupta RN, see Dauphin A, jt. auth.
- Güven T, see Durak I, jt. auth.
- Guy C, see Blaise G, jt. auth.
- Haddow GR. Anaesthesia for patients after lung transplantation (review article), 182
- Hagen JF, see Patel N, jt. auth.
- Hagen JH, see Patel N, jt. auth.
- Habue WF, see Diemunsch P, jt. auth.
- Häkkinen V, see Porkkala T, jt. auth.
- Hall R, see Chedrawy E, jt. auth.
- Hall RI, see Chedrawy EG, jt. auth.
see Neumeister MW, jt. auth.
- Hallsworth RA, see Bhavani-Shankar K, jt. auth.
- Halpern S, Gnanendran KP. The relationship between methodologic quality and effect size: implications for meta-analyses (abstract), A66-B
see Byrick RJ, jt. auth.
see Morgan PJ, jt. auth.
- Halpern SH, see Bender JS, jt. auth.
see Giesinger CL, jt. auth.
- Hamilton A, Sirrs S, Schmidt N, Onrot J. Anaesthesia for pheochromocytoma in pregnancy (clinical report), 654
- Hanagata K, see Matsukawa T, jt. auth.
- Hanaoka K, see Nishiyama T, jt. auth.
- Hancock DE, see Patel N, jt. auth.
- Handa F, see Takahashi H, jt. auth.
- Hare GMT, Ngan JCS. Density of spinal anaesthetics after addition of neuroaxial opioids (abstract), A26-A
- Haro D, see Guengniaud PY, jt. auth.
- Hasegawa M, see Ishizaki K, jt. auth.
- Hashimoto Y, see Hirota K, jt. auth.
- Hatano Y, see Hirakata H, jt. auth.
see Iranami H, jt. auth.
see Ogawa K, jt. auth.
- Haughton J, see Byrick RJ, jt. auth.
- Hawboldt GS, Clark AJ, Smith JB, Norman RW. Analgesia/sedation requirements during ESWL of renal calculi with the Siemens Lithostar Multiline (abstract), A19-A
- Helmers C, see Milbrink J, jt. auth.
- Henderson BT, Hudson RJ, Thomson IR, Moon M, Peterson MD, Rosenbloom M. Pharmacokinetics of sufentanil in patients undergoing coronary artery bypass grafting (abstract), A63-B
- Henderson S, see Orser B, jt. auth.
- Herrick LA, see Ganapathy S, jt. auth.
- Heyland DK, see Wood G, jt. auth.
- Higgins P, see Buggy D, jt. auth.
- Hikawa Y, see Uchida T, jt. auth.
- Hillman KM, see Lee A, jt. auth.
- Hirakata H, Nakamura K, Sai S, Okuda H, Hatano Y, Urabe N, Mori K. Platelet aggregation is impaired during anaesthesia with sevoflurane but not with isoflurane, 1157
- Hirakawa T, see Nakanishi O, jt. auth.
- Hirota K, Ohtomo N, Hashimoto Y, Kudo T, Ishihara H, Matsuki A. Midazolam reverses histamine-induced bronchoconstriction in dogs (laboratory investigation), 1115
see Kubota T, jt. auth.

- Ho AM-H, Luchsinger IS, Ling E. An *in vitro* study of the contamination susceptibility of three needleless and a standard needle injection systems (abstract), A48-B
- Ho ETF, see Ng KFJ, jt. auth.
- Ho ST, see Li CY, jt. auth.
see Wong CS, jt. auth.
- Hoffmann V, see Schröter J, jt. auth.
- Holder Y, see Anatol TI, jt. auth.
- Holmes J, see Pietak S, jt. auth.
- Hossain I, Cheng D, Karski J, Asokumar B, Sandler A. Comparison of PCA vs IV (on demand) morphine analgesia in early extubated patients post CABG surgery (abstract), A7-A
- Huberman MM, see Tessler MJ, jt. auth.
- Hudson RJ, see Henderson BT, jt. auth.
see Sareen J, jt. auth.
- Hughson R, see Parlow J, jt. auth.
- Huin G, see Fleyfel M, jt. auth.
- Hull KA, see Alhashemi JA, jt. auth.
- Hung OR. Respiratory effects of repeated pulmonary administration of liposome-encapsulated fentanyl (LEF) in healthy volunteers (abstract), A48-A
- Al-Qatari M. Light-guided retrograde intubation (technical report), 877
 - Comeau L, Riley MR, Tan S, Whynot S, Mezei M. Comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine, 707
 - Coonan E, Whynot SC, Mezei M. Pharmacokinetics of multiple doses of inhaled liposome-encapsulated fentanyl (LEF) in healthy volunteers (abstract), A47-B
- Hurst L, see Moote C, jt. auth.
- Hurst T, Johnson D, Cujec B, Thomson D, Mycyk T, Burbidge B, Mayers I. Depletion of activated neutrophils by a filter during cardiac valve surgery, 131
- Hyder ML, see Defalque RJ, jt. auth.
- Ibebunjo C, Eshelby D, Donati F, Fox GS, Tchervenkov JJ. Tacrine does not alter the potency of succinylcholine in the rat (laboratory investigation), 1021
- Ilonen J, see Salo M, jt. auth.
- Imamura Y, see Nakanishi O, jt. auth.
- Inada K, see Inada T, jt. auth.
see Kawamura T, jt. auth.
- Inada T, Inada K, Kawachi S, Takubo K, Tai M, Yasugi H. Haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients, 140
- Uesugi F, Kawachi S, Inada K. Lidocaine tape relieves pain due to needle insertion during stellate ganglion block, 259
- Iranami H, Hatano Y, Tsukiyama Y, Yamamoto M, Maeda H, Mizumoto K. Halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta (laboratory report), 1196
- Ishibe Y, see Oshima Y, jt. auth.
- Ishihara H, see Hirota K, jt. auth.
- Ishikawa T, see Nakanishi O, jt. auth.
- Ishizaki K, Karasawa S, Takahashi K, Hasegawa M, Goto F. Intrathecal neurokinin-1 receptor antagonist reduces isoflurane MAC in rats (laboratory investigation), 543
- Iwasaki H, Yamauchi M, Narimatsu E, Yamakage M, Tsuchida H, Namiki A. Onset of vecuronium neuromuscular blockade at the hand with an arterio-venous shunt (brief report), 1208
- Iwashita H, see Matsukawa T, jt. auth.
- Jacobsohn E, Chorn R, O'Connor M. The role of the vasculature in regulating venous return and cardiac output: historical and graphical approach (review article), 849
- Jadad AR, see Bender JS, jt. auth.
- Jahromi SS, see El-Beheiry H, jt. auth.
- Jamieson WRE, see Dryden PJ, jt. auth.
- Jäntti V, see Porkkala T, jt. auth.
- Jewett M, see Sandler A, jt. auth.
- Jodoin C, Couture J, Bellemare F. Characteristics of respiratory muscles activity following anesthesia and surgery (abstract), A27-A
- Johnson D, see Hurst T, jt. auth.
- Johnston CE, see Nicolaou G, jt. auth.
- Jolly DT, see Lazar ER, jt. auth.
- Jones S, see Bignell SJ, jt. auth.
- Joseph A, see Sherkman Z, jt. auth.
- Kaçmaz M, see Durak I, jt. auth.
- Kadari A, see Sherkman Z, jt. auth.
- Kahn L. Neuropathies masquerading as an epidural complication (clinical report), 313
- Kaki A, Crosby ET, Lui ACP. Airway and respiratory management following non-lethal hanging (continuing medical education), 445
- Kalonji MK, see Lafont ND, jt. auth.
- Kamath N, see Patel N, jt. auth.
- Karasawa S, see Ishizaki K, jt. auth.
- Kardash K, Tessler M. Videotape feedback in teaching laryngoscopy, 54
- Karkouti K, Rose DK, Cohen MM, Sykora K. A multifactorial risk index for predicting difficult tracheal intubations (abstract), A52-A
- Karski J, see Cheng DCH, jt. auth.
see Dowd N, jt. auth.
see Hossain I, jt. auth.
see Wong DT, jt. auth.
- Karski JM, see Cregg N, jt. auth.
- Katsiris S, see Moote C, jt. auth.
- Katz J, see Saccomanno PM, jt. auth.
see Sandler A, jt. auth.
- Katz NP, see Tarshis J, jt. auth.

- Katz RL, see Linz SM, jt. auth.
- Kaukinen S, see Porkkala T, jt. auth.
- Kavanagh BP, Ngo C. Attitudes and beliefs regarding O₂ therapy in mechanically ventilated patients in the ICU – a Canada-wide survey (abstract), A3-A
see Nishida O, jt. auth.
see Saccomanno PM, jt. auth.
- Kavutcu M, see Durak I, jt. auth.
- Kawachi S, see Inada T, jt. auth.
- Kawamura T, Wakusawa R, Inada K. Interleukin-10 and Interleukin-1 receptor antagonists increase during cardiac surgery, 38
- Kay JC, see Murphy P, jt. auth.
- Kazdan M, see Ananthanarayan C, jt. auth.
- Kearns CF, see Duffy CM, jt. auth.
- Kenny GP, see Nicolaou G, jt. auth.
- Kern C, see Bernards CM, jt. auth.
- Kero PO, see Nikkila EM, jt. auth.
- Khaw KS, see Ngan Kee WD, jt. auth.
- Kiernan MP, see Bandla HPR, jt. auth.
- Kinahan A, see Chilvers CR, jt. auth.
see Scheepers L, jt. auth.
- Kinouchi K, see Shimizu T, jt. auth.
- Kirkby J, see Ganapathy S, jt. auth.
- Kitamura R, see Miyawaki I, jt. auth.
- Kleiman SJ, see Tessler MJ, jt. auth.
- Klein GJ, see Cuillerier DJ, jt. auth.
see Sharpe MD, jt. auth.
- Klein KW, see Reinhart DJ, jt. auth.
- Knapke D, see Patel N, jt. auth.
- Knox D, see Warriner CB, jt. auth.
- Koistabashi T, see Saitoh Y, jt. auth.
- Koizumi S, see Kubota T, jt. auth.
- Kolesar R, Arellano R, Rafuse S, Fletcher M, Dunn G. Use of nitrous oxide improves outcome after brief outpatient surgery (abstract), A72-A
- Kolton M, see Byrick RJ, jt. auth.
- Komar W, see Williams JM, jt. auth.
- Komar WE, see Badner NH, jt. auth.
- Kondo T, see Tanaka M, jt. auth.
- Kose Y, see Calikyan AO, jt. auth.
- Kozak-Ribbens G, Bendahan D, Rodet L, Confort-Gouny S, Miri A, Talmant A, Monin G, Cozzone PJ. Metabolic events with spontaneous malignant hyperthermia crisis in an anaesthetized pig (laboratory investigation), 757
- Kozlowski P, see Wong TD, jt. auth.
- Krahn AD, see Cuillerier DJ, jt. auth.
see Sharpe MD, jt. auth.
- Krasowski MD, McGehee DS, Moss J. Natural inhibitors of cholinesterases: implications for adverse drug reactions (medical intelligence), 525
- Krepiski B, see Alhashemi JA, jt. auth.
see Rosaeg OP, jt. auth.
- Krichewski I, see Shenkman Z, jt. auth.
- Krishna BR, Zakowski MI, Grant GJ. Sufentanil transfer in the human placenta during *in vitro* perfusion (laboratory investigation), 996
- Krishnathas A, see Peng P, jt. auth.
- Kronberg J, see Byrick RJ, jt. auth.
- Kruczynski K, see Lapinsky SE, jt. auth.
- Kubota T, Miyata A, Maeda A, Hirota K, Koizumi S, Ohba H. Continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients (clinical report), 1182
- Kudo T, see Hirota K, jt. auth.
- Kumazawa T, see Matsukawa T, jt. auth.
- Kurrek M, see Byrick RJ, jt. auth.
see Devitt JH, jt. auth.
- Kurrek MM, Devitt JH. The cost for construction and maintenance of a simulation centre (abstract), A38-B
– The cost for construction and operation of a simulation centre (education in anaesthesia), 1191
– Devitt JH, Cohen M, Shaw M. Cardiac arrest in the OR: how bad are our ACLS skills? (abstract), A59-B
- Kurtipek O, see Durak I, jt. auth.
- Kustra R, see Cheng DCH, jt. auth.
see Wong DT, jt. auth.
- Kutt JL, see Dobkowski WB, jt. auth.
- Labow RS, see Robblee JA, jt. auth.
- Lacey DE, LeDez KM. Survey of operating room staff concerning air contamination and other hazards (abstract), A10-A
- Laffon M, see Plaud B, jt. auth.
- Lafont ND, Kalonji MK, Barre J, Guillaume C, Boogaerts JG. Clinical features and echocardiography of embolism during cemented hip arthroplasty, 112
- Lagmiche A, see De Kock M, jt. auth.
- Lang FJW, see Magnusson L, jt. auth.
- Lang S, see Goranson BD, jt. auth.
- Langer A, see Lye A, jt. auth.
- Langevin S, Lessard MR, Trépanier CA. Postoperative nausea and vomiting (PONV); comparison of intraoperative use of alfentanil, fentanyl and sufentanil (abstract), A25-B
- Lapinsky SE, Kruczynski K, Seaward GR, Farine D, Grossman RF. Critical care management of the obstetric patient (occasional review), 325
- Lauer KK, Connolly LA, Schmeling WT. Opioid sedation does not alter intracranial pressure in head injured patients, 929
- Lazar ER, Jolly DT, Tam YK, Tawfik SR, Clanachan AS. Propofol-thiopental stability study, A21-B
- LeDez KM, see Lacey DE, jt. auth.
- Lee A, Lum ME, Perry M, Bechan SJ, Hillman KM, Bauman A. Risk of unanticipated intraoperative events in patients assessed at a preanaesthetic clinic, 946

- Lee JK, see Cuillerier DJ, jt. auth.
see Sharpe MD, jt. auth.
- Lee RMKW, see Yang H, jt. auth.
- Lee T-Y, see Craen RA, jt. auth.
- Leeser J, see Diemunsch P, jt. auth.
- Lefevre G, see Wong TD, jt. auth.
- Lerman J, see Guard B, jt. auth.
see Swan H, jt. auth.
see Zestos MM, jt. auth.
- Lessard MR, Trépanier CA, Ronillard JF. Neostigmine requirements for reversal of neuromuscular blockade following an infusion of mivacurium, 836
see Langevin S, jt. auth.
- Levine M, see Guard B, jt. auth.
- Li CT, Chou TC, Wong CS, Ho ST, Wu CC, Yen MH, Ding YA. Ketamine inhibits nitric oxide synthase in lipopolysaccharide-treated rat alveolar macrophages (laboratory investigation), 989
- Li G, see Neumeister MW, jt. auth.
- Liacouras CA, see Cook-Sather SD, jt. auth.
- Lim TW, Thomas E, Choo SM. Premedication with midazolam is more effective by the sublingual than oral route, 723
- Ling E, see Ho AM-H, jt. auth.
- Linz SM, Charbonnet C, Mikhail MS, Vadehra N, Zelman V, Katz RL, Thangathurai D. Spinal artery syndrome masked by postoperative epidural analgesia (clinical report), 1178
- Little D, see Cruise CJ, jt. auth.
- Lo J, see Morgan PJ, jt. auth.
- Lockhart B, see Frenette L, jt. auth.
- Lortie L, see Roy L, jt. auth.
- Lu CC, see Wong CS, jt. auth.
- Lucas SB, see Grange CS, jt. auth.
- Luchsinger IS, see Ho AM-H, jt. auth.
- Lui ACP, see Alhashemi JA, jt. auth.
see Kaki A, jt. auth.
see Rosaeg OP, jt. auth.
- Luk HN, see Yang CY, jt. auth.
- Lum ME, see Lee A, jt. auth.
- Lussier D, see Searle NR, jt. auth.
- Lye A, Walsh F, Middleton W, Wong D, Langer A, Errett L, Mazer CD. Myocardial ischemia in first day surgery patients undergoing coronary artery bypass graft surgery (abstract), A65-A
- Ma ML, see Ngan Kee WD, jt. auth.
- Macarthur A, see Muir HA, jt. auth.
- Maeda A, see Kubota T, jt. auth.
- Maeda H, see Iranami H, jt. auth.
- Maekawa N, see Mikawa K, jt. auth.
see Nishina K, jt. auth.
- Magnusson L, Lang FJW, Monnier P, Ravussin P. Anaesthesia for tracheal resection: report of 17 cases (clinical report), 1282
- Mäkelä MJ, see Salo M, jt. auth.
- Makita K, see Saitoh Y, jt. auth.
- Maliakkal RJ, see DeLima LGR, jt. auth.
see Mehta M, jt. auth.
- Mandin H, see Moir CL, jt. auth.
- Manninen P. Anaesthesia for neuroradiology (refresher course outline), R34; R37
see Boyle K, jt. auth.
see McTaggart Cowan R, jt. auth.
see Raman S, jt. auth.
- Manninen PH, Chan ASH, Papworth D. Conscious sedation for interventional neuroradiology: a comparison of midazolam and propofol infusion, 26
see Duffy CM, jt. auth.
- Manson HJ, see Snedden W, jt. auth.
- Marandas P, see Giraud O, jt. auth.
- Marcus MAE, Bruymincx FL, Vertommen JD, Wouters PF, Van Aken H. Spinal somatosensory evoked potentials after epidural isoproterenol in awake sheep (laboratory report), 85
- Marino P, Rosa G, Conti G, Cogliati AA. Treatment of acute respiratory failure by prolonged non-invasive ventilation in a child (clinical report), 727
- Markakis DA, see Cook-Sather SD, jt. auth.
- Martin R, see Carrier J, jt. auth.
- Mashava D, Chinyanga HM. Effect of head-up position on speed of arterial haemoglobin oxygen desaturation at induction of general anaesthesia (abstract), A49-A
- Massé É, Drolet P, Girard M. Direction of injection does not affect the spread of spinal bupivacaine in parturients, 816
- Matsukawa T, Sessler DI, Ozaki M, Hanagata K, Iwashita H, Kumazawa T. Comparison of distal oesophageal temperature with "deep" and tracheal temperatures (clinical measurement), 433
see Nishiyama T, jt. auth.
- Matsuki A, see Hirota K, jt. auth.
- Matsumiya N, see Tanaka M, jt. auth.
- Matthews R, see Pietak S, jt. auth.
- May WL, see DeLima LGR, jt. auth.
see Mehta M, jt. auth.
- Mayer FM, see Bachand M, jt. auth.
- Mayers I, see Hurst T, jt. auth.
- Mayson K, Forster B, Merrick PM. Stress in Canadian anaesthesia residency training (abstract), A40-A
- Maze M. Alpha-2 adrenergic agonists (refresher course outline), R13; R19
- Mazer CD, see Lye A, jt. auth.
- McArdle P, see Frenette L, jt. auth.
- McAuliffe G, Bissonnette B, Cavellé-Garrido T, Boutin C. Heart rate and cardiac output after atropine in anaesthetised infants and children, 154
see Zestos MM, jt. auth.
- McBride WJ, see Williams RK, jt. auth.

- McCarroll M, see Buggy D, jt. auth.
- McCormack J, see Scheepers L, jt. auth.
- McCudden C, see Wong TD, jt. auth.
- McEwin L, Merrick PM, Bevan DR. Residual neuromuscular blockade after cardiac surgery: pancuronium *vs* rocuronium (brief report), 891
- McGehee DS, see Krasowski MD, jt. auth.
- McIntyre JWR. Stethoscopy during anaesthesia (review article), 535
- McKenzie FN, see Badner NH, jt. auth.
- McKerrell J, see Goranson BD, jt. auth.
- McKnight DJ, see Byrick RJ, jt. auth.
- McTaggart Cowan R, Manninen P, Richards J. Effect of N₂O on cerebellar evoked potentials (abstract), A61-B
- Mehta M, DeLima LGR, Silva LEO, May WL, Maliakkal RJ. Assessment of level of consciousness during intravenous sedation: correlation between a trained observer and bispectral index (abstract), A71-A
- Mehta MP, see DeLima LGR, jt. auth.
- Meikle A, Milne B. Extreme arterial blood pressure differentials in a patient with Takayasu's arteritis (clinical report), 868
- Meistelman C, see Plaud B, jt. auth.
- Menkis AH, see St-Amand MA, jt. auth.
- Merrick PM, see Chilvers CR, jt. auth.
- see Dryden PJ, jt. auth.
- see Dunn GS, jt. auth.
- see Grange CS, jt. auth.
- see McEwin L, jt. auth.
- see Mayson K, jt. auth.
- see Purdy FR, jt. auth.
- Mezei G, see Chung F, jt. auth.
- Mezei M, see Hung OR, jt. auth.
- Mezon BY, see Dobkowski WB, jt. auth.
- Mian R, see Moote C, jt. auth.
- Michaels M, see Shearer W, jt. auth.
- Middleton W, see Lye A, jt. auth.
- Mikawa K, Nishina K, Maekawa N, Shiga M, Obara H. Dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery (brief report), 95
- see Nishina K, jt. auth.
- Mikhail MS, see Linz SM, jt. auth.
- Milbrink J, Birgegård G, Danersund A, Helmers C, Nordström L, Sandhagen B. Preoperative autologous donation of 6 units of blood during rh-EPO treatment (brief report), 1315
- Milgater E, see Shenkman Z, jt. auth.
- Miller DR, see Alhashemi JA, jt. auth.
- Mills KR, see Cushing EV, jt. auth.
- Milne A, Beamish T. Effects of inhalational and local anaesthetics on the sensitive plant *mimosa pudica*: a potential model for the investigation of anaesthetic mechanisms (abstract), A22-A
- Milne B, see Aye T, jt. auth.
- see Meikle A, jt. auth.
- see Money P, jt. auth.
- see Pattee C, jt. auth.
- Miniaci A, see Al-Kaisy AA, jt. auth.
- Miri A, see Kozak-Ribbens G, jt. auth.
- Miyamoto T, see Abe K, jt. auth.
- Miyata A, see Kubota T, jt. auth.
- Miyawaki I, Nakamura K, Yokubol B, Kitamura R, Mori K. Suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam (laboratory investigation), 1301
- Mizumoto K, see Iranami H, jt. auth.
- see Ogawa K, jt. auth.
- Mizutani T, see Takahashi H, jt. auth.
- Mohr J, see Badner NH, jt. auth.
- Moir CL, Mandin H, Brant R. Sorbitol 2.5%/mannitol 0.54% irrigation solution for hysteroscopic endometrial ablation surgery, 473
- Molencuur B, see Schiere S, jt. auth.
- Molina R, see Concha M, jt. auth.
- Monagle J, see Shearer W, jt. auth.
- Money P, Milne B, Parlow J, Raymond J. Density of various local anaesthetic-opioid solutions and their spread in an *in vitro* model of the spinal canal (abstract), A28-A
- Monin G, see Kozak-Ribbens G, jt. auth.
- Monnier P, see Magnusson L, jt. auth.
- Montgomery C, see Dunn GS, jt. auth.
- see Scheepers L, jt. auth.
- Montgomery CJ, see Sanderson PM, jt. auth.
- Moon M, see Henderson BT, jt. auth.
- Moote C, Ganapathy S, Sandhu H, Watson J, Spadafora S. Comparison of recovery following prophylactic ondansetron, dimenhydrinate and placebo in outpatient laparoscopy (abstract), A73-A
- Mian R, Evans B, Hurst L, Katsiris S. Propofol *vs* isoflurane for maintenance of general anaesthesia in outpatient bilateral reduction mammoplasty (abstract), A73-B
- see Ganapathy S, jt. auth.
- Moran C, see Buggy D, jt. auth.
- Morgan PJ. Peripartum management of a patient with Isaacs' syndrome (clinical report), 1174
- Cleave-Hogg D, Bradley J, Byrick R. Constructive feedback using simulator vignettes (abstract), A39-A
- Halpern S, Lo J. Development of a maternal satisfaction scale for women undergoing caesarean section: item selection, validity and reliability (abstract), A16-A
- Mori K, see Hirakata H, jt. auth.
- see Miyawaki I, jt. auth.
- Morris M, see El-Bebeiry H, jt. auth.
- Morrison LM, see Brookman CA, jt. auth.
- Morton WD, see Dauphin A, jt. auth.
- Moseley HSL, see Bhavani-Shankar K, jt. auth.
- Moss J, see Krasowski MD, jt. auth.

- Motamed C, Choquette R, Donati F. Rocuronium prevents succinylcholine-induced fasciculations, 1262
- Motin J, see *Vedrinne JM*, jt. auth.
- Motsch J, see *Schröter J*, jt. auth.
- Moudgil GC. The patient with reactive airways disease (refresher course outline), R77; R84
- Singal DP. Halothane and isoflurane enhance melanoma tumour metastasis in mice (laboratory report), 90
- Moulton RJ, see *Reinders FX*, jt. auth.
- Moussa M, see *Gueugniaud PY*, jt. auth.
- Muchada R, see *Gueugniaud PY*, jt. auth.
- Muir H, see *Farmer S*, jt. auth.
- Muir HA, Writer D, Douglas J, Weeks S, Gambling D, Macarthur A. Double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of childbirth pain, 599
- Muir JG, see *Byers GF*, jt. auth.
- Mullen JB, see *Murphy P*, jt. auth.
- Muñoz Corsini L, del Valle SG, Gonzalez A, Galindo S, Porras M. Anterior cervical myelopathy in the early postoperative period (clinical report), 872
- Munro AI, see *Dryden PJ*, jt. auth.
- Murkin JM, see *Badner NH*, jt. auth.
see *St-Amand MA*, jt. auth.
- Murphy M. Anaesthesia and analgesia in the emergency department (refresher course outline), R52; R60
- Murphy P, Edelist G, Byrick RJ, Kay JC, Mullen JB. Relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty (laboratory investigation), 1293
- Murphy PM, see *Devitt JH*, jt. auth.
- Mushlin PS, see *Bhavani-Shankar K*, jt. auth.
see *Tarshis J*, jt. auth.
- Mutch WAC. Anaesthesia for carotid artery surgery (refresher course outline), R90; R96
see *Wong TD*, jt. auth.
- Mycyk T, see *Hurst T*, jt. auth.
- Nakamura K, see *Hirakata H*, jt. auth.
see *Miyawaki I*, jt. auth.
- Nakanishi O, Ishikawa T, Imamura Y, Hirakawa T. Inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs (laboratory investigation), 1008
- Namiki A, see *Iwasaki H*, jt. auth.
- Nantau W, see *St-Amand MA*, jt. auth.
- Narimatsu E, see *Iwasaki H*, jt. auth.
- Navé S, see *Diemunsch P*, jt. auth.
- Nedelcu V, see *Chedrawy E*, jt. auth.
see *Chedrawy EG*, jt. auth.
- Nègre I, see *Fletcher D*, jt. auth.
- Neumeister MW, Li G, Williams G, Doak G, Sullivan JA, Hall RI. Factors influencing MAC reduction after cardiopulmonary bypass in dogs (laboratory investigation), 1120
- Neuvonen PJ, see *Teiriä H*, jt. auth.
- Nevin K, see *Vaghadia H*, jt. auth.
- Nevo I, see *Reinbart DJ*, jt. auth.
- Ng KFJ, Tsui SL, Yang JCS, Ho ETE. Comparison of tramadol and tramadol/droperidol mixture for patient-controlled analgesia, 810
- Ngan JCS, see *Hare GMT*, jt. auth.
- Ngan Kee WD, Khaw KS, Ma ML. Patient-controlled epidural analgesia after Caesarean section using meperidine, 702
- Ngo C, see *Kavanagh BP*, jt. auth.
- Nguyen H, see *Blaise G*, jt. auth.
- Nicolaou G, Chen AA, Johnston CE, Kenny GP, Bristow GK, Giesbrecht GG. Clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold, 636
- Nikkola EM, Ekblad UU, Kero PO, Alihanka JJM, Salonen MAO. Intravenous fentanyl PCA during labour, 1248
- Nishida O, Cheng DCH, Arellano R, Boylen P, DeMajo W, Kavanagh BP. Impaired gas exchange is not predicted by haemodynamics in experimental porcine pleural effusion – a pilot study (abstract), A34-B
- Nishikawa T, see *Takahashi H*, jt. auth.
- Nishina K, Mikawa K, Takao Y, Shiga M, Mackawa N, Obara H. Prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation (brief report), 1211
see *Mikawa K*, jt. auth.
- Nishiyama T, Aibiki M, Hanaoka K. Haemodynamic and catecholamine changes during rapid sevoflurane induction with tidal volume breathing, 1066
- Hanaoka K. Same day drainage and removal of a giant ovarian cyst (clinical report), 1087
- Matsukawa T, Hanaoka K, Conway CM. Interactions between nicardipine and enflurane, isoflurane, and sevoflurane, 1071
- Sugai N, Hanaoka K. Cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia, 160
- Norcross ED, see *Reeves ST*, jt. auth.
- Nordström L, see *Milbrink J*, jt. auth.
- Norman RW, see *Hawboldt GS*, jt. auth.
- Novick T, see *Williams JM*, jt. auth.
- Obara H, see *Mikawa K*, jt. auth.
see *Nishina K*, jt. auth.
- O'Brien HV, see *Alhashemi JA*, jt. auth.
- O'Brien-Pallas L, see *Rose DK*, jt. auth.
- O'Connor JP, see *Dryden PJ*, jt. auth.
- O'Connor M, see *Jacobsen E*, jt. auth.

- O'Donovan F, see *Buggy D*, jt. auth.
- Ogawa K, Yamamoto M, Mizumoto K, Hatano T. Volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries (laboratory report), 426
- Ohba H, see *Kubota T*, jt. auth.
- Ohlsson A, see *Bender JS* jt. auth.
- Ohnishi K, see *Abe K*, jt. auth.
- Ohtomo N, see *Hirota K*, jt. auth.
- Okada M, see *Tanaka M*, jt. auth.
- Okazaki N, see *Oshima Y*, jt. auth.
- Okuda H, see *Hirakata H*, jt. auth.
- Olkkola KT, see *Teiriä H*, jt. auth.
- Onrot J, see *Hamilton A*, jt. auth.
- Orkin FK. Influence of anaesthetic decision making on resource use in major joint replacement (abstract), A11-A
- Orlay GR, Wong DH. Cerebral oxygen extraction during intracranial aneurysm surgery: the influence of PaCO₂ (abstract), A59-A
- Orser B, Doyle DJ, Futers L. Symposium on ergonomics in drug delivery (conference report), 782
- Smith D, Henderson S, Gelb A. Magnesium deficiency increases ketamine sensitivity in rats (laboratory investigation), 883
- Oshima Y, Ishibe Y, Okazaki N, Sato T. Isoflurane inhibits endothelium-mediated nitric oxide relaxing pathways in the isolated perfused rabbit lung (laboratory investigation), 1108
- Oyston JP, Ascah JG. The value of the Internet to anaesthetists (occasional review), 439
- Ozaki M, see *Matsukawa T*, jt. auth.
- Ozawa Y, see *Takeda S*, jt. auth.
- Öztürk HS, see *Durak I*, jt. auth.
- Page R, see *Porter JM*, jt. auth.
- Panovillot P, see *Diemunsch P*, jt. auth.
- Papworth D, see *Manninen PH*, jt. auth.
- Park G. Sedation, analgesia and muscle relaxation and the critically ill patient (refresher course outline), R40; R46
- Parlow J, Viale J-P, Bégou G, Sagnard P, Hughson R, Quintin L. Clonidine improves perioperative autonomic control of the cardiovascular system in hypertensive patients undergoing major surgery (abstract), A32-B see *Money P*, jt. auth.
- Parlow JL, see *Dagnone AJ*, jt. auth.
- Patel N, Kamath N, Smith CE, Pinchak AC, Hagen JH. Intubating conditions and neuromuscular block after divided dose mivacurium or single dose rocuronium, 49
- Smith CE, Knapke D, Pinchak AC, Hagen JF. Heat conservation vs convective warming in adults undergoing elective surgery (brief report), 669
- Smith CE, Pinchak AC, Hancock DE. Taping methods and tape types for securing oral endotracheal tubes (laboratory report), 330
- Pattee C, Ballantyne M, Milne B. Epidural analgesia for labour and delivery: informed consent issues, 918
- Paul TL, see *Badner NH*, jt. auth.
- Paxton D, see *Diemunsch P*, jt. auth.
- Pendeville P, see *Deladrière H*, jt. auth.
- Peng P, Chan V. Dose-dependency of minimum effective anaesthetic concentration (MEAC) of hyperbaric lidocaine for spinal anaesthesia (abstract), A69-A
- Chung F, Claxton AR, Chan V, Krishnathas A. Reducing pain after arthroscopic anterior cruciate ligament repair – comparison of ketorolac vs femoral nerve block (abstract), A69-B see *Al-Kaisy AA*, jt. auth.
- Perdrix JP, see *Bijaoui E*, jt. auth.
- Perlas A, see *Al-Kaisy AA*, jt. auth.
- Perreault L, see *Warriner CB*, jt. auth.
- Perry M, see *Lee A*, jt. auth.
- Perttilä J, see *Salo M*, jt. auth.
- Peterson MD, see *Henderson BT*, jt. auth.
- Petit P, see *Gueugniand PY*, jt. auth.
- Petrasek A, see *Pietak S*, jt. auth.
- Phang PT, see *Rudston-Brown B*, jt. auth.
- Phelan D, see *Porter JM*, jt. auth.
- Pietak S, Holmes J, Matthews R, Petrasek A, Porter B. Cardiovascular collapse after femoral prosthesis surgery for acute hip fracture (clinical report), 198
- Pinchak AC, see *Patel N*, jt. auth.
- Pinosky ML, see *Reeves ST*, jt. auth.
- Pirlet M, see *Carrier J*, jt. auth.
- Pitt-Miller P, see *Anatol TI*, jt. auth.
- Pivalizza EG, Pivalizza PJ, Weavind LM. Perioperative thromboelastography and sonoclot analysis in morbidly obese patients, 942
- Pivalizza PJ, see *Pivalizza EG*, jt. auth.
- Plaud B, Laffon M, Ecoffey C, Meistelman C. Monitoring orbicularis oculi predicts good intubating conditions after vecuronium in children, 712
- Polosa C, see *Backman SB*, jt. auth. see *Stein RD*, jt. auth.
- Porkkala T, Kaukinen S, Häkkinen V, Jäntti V. Median nerve somatosensory evoked potentials during isoflurane anaesthesia, 963
- Porras M, see *Muñoz Corsini L*, jt. auth.
- Porter B, see *Pietak S*, jt. auth.
- Porter JM, Page R, Wood AE, Phelan D. Ventricular perforation associated with central venous introducer-dilator systems (clinical report), 317
- Pourcelot L, see *Ayoub J*, jt. auth.
- Pozzi M, see *Cheung SLW*, jt. auth.
- Prefaut C, see *Ayoub J*, jt. auth.
- Previte JP, see *Cook-Sather SD*, jt. auth.
- Proast JH, see *Schiere S*, jt. auth.
- Puech F, see *Fleyfel M*, jt. auth.

- Paal E*, see *Schwarz SKW*, jt. auth.
- Purdy FR*, *Tweeddale MG*, *Merrick PM*. Association of mortality with age of blood transfused in septic ICU patients, 1256
- Pygon B*, see *Cascio M*, jt. auth.
- Quintin L*, see *Parlow J*, jt. auth.
- Rafuse S*, see *Kolesar R*, jt. auth.
- Raman S*, *Manninen P*. Anaesthesia for stereotactic biopsy: a comparison of midazolam and propofol (abstract), A35-B
see *Boyle K*, jt. auth.
- Raman SK*, *San WM*. Fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment, 498
- Ramanathan S*, see *Cascio M*, jt. auth.
- Ramonatxo M*, see *Ayoub J*, jt. auth.
- Rao JJ*, *Welsh BE*. An emergency pocket drug case of the 1940s (history of anaesthesia), 896
- Ratelle R*, see *Couture P*, jt. auth.
- Ravussin P*, see *Magnusson L*, jt. auth.
- Raymer K*, *Choi P*. Concurrent subarachnoid haemorrhage and myocardial injury (clinical report), 515
- *Tang H*. Patients with aortic stenosis: cardiac complications in non-cardiac surgery (abstract), A3-B
- Raymond J*, see *Money P*, jt. auth.
- Redelmeier D*, see *Sandler A*, jt. auth.
- Reeves ST*, *Pinosky ML*, *Byrne TK*, *Norcross ED*. Abdominal compartment syndrome (clinical report), 308
- Reid D*, see *Alhashemi JA*, jt. auth.
see *Shetty GR*, jt. auth.
see *Vishnubala S*, jt. auth.
- Reid I*, see *Dryden PJ*, jt. auth.
- Reimer EJ*, see *Dunn GS*, jt. auth.
- Reinders FX*, *Brown JIM*, *Baker AJ*, *Moulton RJ*, *Schlichter L*. Cytokines in human traumatic brain injury (abstract), A37-A
- Reinhart DJ*, *Goldberg ME*, *Roth JV*, *Dua R*, *Nevo I*, *Klein KW*, *Torjman M*, *Vekeman D*. Transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain, 377
- Rezende Costa JR*, see *Gomez RS*, jt. auth.
- Rhine EJ*, see *Splinter WM*, jt. auth.
- Richards J*, see *McTaggart Cowan R*, jt. auth.
- Rifat K*, see *Tramèr MR*, jt. auth.
- Riley MR*, see *Hung OR*, jt. auth.
- Robbins R*, see *Backman SB*, jt. auth.
- Robblee JA*, *Labow RS*, *Rubens FD*. Hematologic effects of an ultra filtration autotransfusion device (abstract), A50-A
- The importance of sampling site in the measurement of whole blood platelet flow cytometry (abstract), A62-A
- Roberts DJ*, see *Splinter WM*, jt. auth.
- Robles PI*, see *Sosis MB*, jt. auth.
- Rodet L*, see *Kozak-Ribbens G*, jt. auth.
- Rooke GA*, see *Choi JH*, jt. auth.
- Rosa G*, see *Marino P*, jt. auth.
- Rosaeg OP*, *Lui ACP*, *Cicutti NJ*, *Bragg PR*, *Crossan ML*, *Krepiski B*. Peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge, 803
- Rose DK*, *Cohen MM*. Has the practice of airway management changed? (abstract), A51-B
- *Cohen MM*, *O'Brien-Pallas L*, *Copplestone C*. Nursing workload and PACU complications (abstract), A51-A
see *Karkouti K*, jt. auth.
- Rosenbloom M*, see *Henderson BT*, jt. auth.
see *Sareen J*, jt. auth.
- Roth JV*, see *Reinhart DJ*, jt. auth.
- Roth SH*, see *Archer DP*, jt. auth.
- Rouillard JF*, see *Lessard MR*, jt. auth.
- Roy L*, *Crochetière C*, *Arsenault M-Y*, *Villeneuve E*, *Lortie L*. Combined use of intrathecal morphine and non-steroidal anti-inflammatory drugs for post caesarean analgesia (abstract), A15-A
- Roy M*, see *Searle NR*, jt. auth.
- Rubens FD*, see *Robblee JA*, jt. auth.
- Rucker J*, see *Fisher A*, jt. auth.
see *Fisher JA*, jt. auth.
- Rudston-Brown B*, *Draper PN*, *Warriner B*, *Walley KR*, *Phang PT*. Venous gas embolism - a comparison of carbon dioxide and helium in pigs (laboratory investigation), 1102
- Ryner L*, see *Wong TD*, jt. auth.
- Saccomanno PM*, *Kavanagh BP*, *Cheng DCH*, *Katz J*, *Sandler AN*. Comparison of lorazepam alone vs lorazepam, morphine, and perphenazine for cardiac premedication, 146
- Sadeghi H*, see *Dryden PJ*, jt. auth.
- Sagnard P*, see *Parlow J*, jt. auth.
- Sai S*, see *Hirakata H*, jt. auth.
- St-Amand MA*, *Murkin JM*, *Menkis AH*, *Downey DB*, *Nantau W*, *Adams S*. Aortic atherosclerotic plaque identified by epiaortic scanning predicts cerebral embolic load in cardiac surgery (abstract), A7-B
- Aortic cannulation is associated with the greatest embolic load in cardiac surgery (abstract), A63-A
- St-Onge S*, *Fugère F*, *Girard M*. Bupivacaine decreases epidural meperidine requirements after abdominal surgery, 360
- Saito Y*, see *Uchida T*, jt. auth.
- Saitoh Y*, *Koitaishi Y*, *Makita K*, *Tanaka H*, *Amaha K*. Train-of-four and double burst stimulation fade at the great toe and thumb, 390
- Saliba Hart N*, see *Bhavani-Shankar K*, jt. auth.

- Salo M, Mäkelä MJ, Perttilä J, Ilonen J.* Enhanced spontaneous antibody response after coronary artery bypass surgery, 617
- Salonen MAO*, see *Nikkola EM*, jt. auth.
- Samanani N*, see *Archer DP*, jt. auth.
- Samii K*, see *Fletcher D*, jt. auth.
- Sampson H*, see *Sandler A*, jt. auth.
- San WM*, see *Raman SK*, jt. auth.
- Sanderson P*, see *Dunn GS*, jt. auth.
- Sanderson PM, Montgomery CJ, Betts TA.* Plasma levels of acetaminophen at 24 hours after a perioperative oral dose regimen of 20 mg/kg q6h in paediatrics (abstract), A55-A
- Sandhagen B*, see *Milbrink J*, jt. auth.
- Sandhu H*, see *Moote C*, jt. auth.
- Sandler A.* Acute pain: guidelines for care (refresher course outline), R137; R142
- *Jewett M, Valiquette L, Katz J, Fradet Y, Redelmeier D, Sampson H.* Electromotive drug administration (EMDA) of lidocaine for transurethral surgery (abstract), A20-A
- see *Dowd N*, jt. auth.
- see *Hossain I*, jt. auth.
- Sandler AN*, see *Cheng DCH*, jt. auth.
- see *Saccomanno PM*, jt. auth.
- see *Wong DT*, jt. auth.
- Sanzone A*, see *Tramèr MR*, jt. auth.
- Sarantopoulos C*, see *Fassoulaki A*, jt. auth.
- Saracen J, Hudson RJ, Rosenbloom M, Thomson IR.* Dose-response to anaesthetic induction with sufentanil: haemodynamic and electroencephalographic effects, 19
- Sato T*, see *Oshima Y*, jt. auth.
- Saunders J*, see *Wong TD*, jt. auth.
- Sauvé R*, see *Blaise G*, jt. auth.
- Scarth G*, see *Wong TD*, jt. auth.
- Scheepers L, Montgomery C, Dunn G, Bourne R, Kinahan A, McCormack J.* Plasma concentrations of flumazenil following intranasal administration in children (abstract), A54-A
- *Vaghadia H.* Readmission for bleeding following day care surgery (abstract), A23-B
- see *Dunn GS*, jt. auth.
- Schiere S, van den Broek L, Proost JH, Molenbuur B, Wierda JMKH.* Comparison of vecuronium with ORG 9487 and their interaction, 1138
- Schlichter L*, see *Reinders FX*, jt. auth.
- Schmeling WT*, see *Lauer KK*, jt. auth.
- Schmidt N*, see *Hamilton A*, jt. auth.
- Scholtes JL*, see *De Kock M*, jt. auth.
- Schreiner MS*, see *Cook-Sather SD*, jt. auth.
- Schröter J, Wa Djamba D, Hoffmann V, Bach A, Motsch J.* Epidural abscess after combined spinal-epidural block (clinical report), 300
- Schultz J-A I, Fear DW.* The duration of action of intrathecal morphine; does timing of administration make a difference? (abstract), A67-B
- Schwartz A*, see *Goudsouzian N*, jt. auth.
- Schwartz SKW, Phil E.* Lidocaine alters the membrane properties of neurons in the thalamus – the gateway to sensorium (abstract), A37-B
- Sear J.* New induction agents (refresher course outline), R3; R8
- Searle NR, Côté S, Taillefer J, Carrier M, Gagnon L, Roy M, Lussier D.* Propofol or midazolam for sedation and early extubation following cardiac surgery, 629
- *Thomson I, Roy M, Gagnon L.* A randomized double-blind study evaluating the haemodynamic effects of two doses of cis-atracurium to vecuronium in patients undergoing CABG during O₂/sufentanil/propofol anaesthesia (abstract), A64-B
- Seaward GR*, see *Lapinsky SE*, jt. auth.
- Sebel P.* Awareness during general anesthesia (refresher course outline), R124; R128
- Segal S*, see *Turshis J*, jt. auth.
- Sessler DI*, see *Matsukawa T*, jt. auth.
- Shaffner DH*, see *Fisher QA*, jt. auth.
- Shapiro S*, see *Troncy E*, jt. auth.
- Sharpe MD, Cuillerier DJ, Lee JK, Basta M, Krahm AD, Klein GJ, Tee R.* Sevoflurane does not appear to have electrophysiological effects upon the accessory pathway in Wolff-Parkinson-White (WPW) patients (abstract), A46-B
- see *Cuillerier DJ*, jt. auth.
- Shaw M*, see *Devitt JH*, jt. auth.
- see *Kurrek MM*, jt. auth.
- Shearer W, Monagle J, Michaels M.* A model of community based, preadmission management for elective surgical patients (brief report), 1311
- Shenkman Z, Eidelman LA, Cotev S.* Continuous spinal anaesthesia using a standard epidural set for extracorporeal shockwave lithotripsy, 1042
- *Elami A, Weiss YG, Glantz L, Milgater E, Drenger B, Burrows FA, Shiri T.* Cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest (preliminary report), 1096
- *Krichewski I, Elpeleg ON, Joseph A, Kadari A.* Anaesthetic management of a patient with Leigh's syndrome (clinical report), 1091
- Shetty GR, Reid D.* The use of an intravenous lidocaine test to predict the response to antineuropathic medications. A Retrospective review (abstract), A17-B
- Shiga M*, see *Mikawa K*, jt. auth.
- see *Nishina K*, jt. auth.
- Shimizu T, Abe K, Kinouchi K, Toshiya I.* Arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane, 1162

- Shir Y, see *Shenkman Z*, jt. auth.
- Shulman GB, Connelly NR, Gibson C. The adult Bullard laryngoscope in paediatric patients, 969
- Shysh S, Eagle C. Teaching and learning in the operating room for the anaesthesia resident: importance of student classroom learning principles (abstract), A41-B
- Teaching and learning in the operating room for the anaesthesia resident: important adult learning principles (abstract), A41-A
- Sickich N, see *Guard B*, jt. auth.
- Sikich N, see *Zestos MM*, jt. auth.
- Silva LEO, see *DeLima LGR*, jt. auth.
- see *Mehra M*, jt. auth.
- Silverman J, see *Fisher A*, jt. auth.
- see *Fisher JA*, jt. auth.
- Singal DP, see *Moudgil GC*, jt. auth.
- Singh H, Bossard RF. Perioperative anaesthetic considerations for patients undergoing lung transplantation (review article), 284
- Sirrs S, see *Hamilton A*, jt. auth.
- Siu S, see *Cregg N*, jt. auth.
- Sleigh J, see *Bignell SJ*, jt. auth.
- Smith AF. An analysis of review articles published in four anaesthesia journals (special article), 405
- Smith AJ, Goodman NW. The hypertensive response to intubation. Do researchers acknowledge previous work?, 9
- Smith CE, see *Patel N*, jt. auth.
- Smith D, see *Orser B*, jt. auth.
- Smith DE, see *Bandla HPR*, jt. auth.
- Smith G, see *Williamson KM*, jt. auth.
- Smith HS, see *Zestos MM*, jt. auth.
- Smith JA, Crosby ET. A cost assessment of intraoperative blood salvage for primary total hip arthroplasty using the COBE BRAT 1© system (abstract), A10-B
- Smith JB, see *Hawboldt GS*, jt. auth.
- Snedden W, Bernadska E, Manson HJ. Hyperoxia alters the urinary organic acid excretion of mice (abstract), A33-B
- see *Cole J*, jt. auth.
- Sommer L, see *Fisher A*, jt. auth.
- see *Fisher JA*, jt. auth.
- Sosis MB, Robles PI. A mathematic evaluation of the temperature dependence of the vapor pressure of desflurane (abstract), A21-A
- Souron V, Fletcher D, Goujard E, Ecoffey C. Venous air embolism during orthotopic liver transplantation in a child (clinical report), 1187
- Spadafora S, see *Moote C*, jt. auth.
- Spadafora SM, Fuller JG, Gelula MH. Resident attitudes towards problem based learning seminars in anaesthesia (abstract), A39-B
- Splinter WM, Rhine EJ, Roberts DJ. Vomiting after strabismus surgery in children: ondansetron vs propofol, 825
- Roberts DJ. Perphenazine decreases vomiting by children after tonsillectomy (brief report), 1308
- Stein RD, Backman SB, Collier B, Polosa C. Bradycardia produced by pyridostigmine and physostigmine (laboratory investigation), 1286
- see *Backman SB*, jt. auth.
- Subtil D, see *Fleyfel M*, jt. auth.
- Sugai N, see *Nishiyama T*, jt. auth.
- Sullivan JA, see *Neumeister MW*, jt. auth.
- Swan H, Lerman J, Cox P. Ventilation strategies affect the functional lung injury after aspiration of human breast milk in rabbits (abstract), A53-B
- Sykora K, see *Karkouti K*, jt. auth.
- Szalai JS, see *Devitt JH*, jt. auth.
- Tai M, see *Inada T*, jt. auth.
- Taillefer J, see *Searle NR*, jt. auth.
- Takahashi H, Nishikawa T, Mizutani T, Handa F. Oral clonidine premedication decreases energy expenditure in human volunteers, 268
- Takahashi K, see *Ishizaki K*, jt. auth.
- Takahashi S, see *Tanaka M*, jt. auth.
- Takao Y, see *Nishina K*, jt. auth.
- Takeda S, Ozawa Y, Tomaru T. Haemodynamic effects of hypotension induced by KRN2391 and nicardipine in isoflurane anaesthetized dogs (laboratory investigation), 1002
- Takubo K, see *Inada T*, jt. auth.
- Talmant A, see *Kozak-Ribbens G*, jt. auth.
- Tam YK, see *Lazar ER*, jt. auth.
- Tan S, see *Hung OR*, jt. auth.
- Tanaka H, see *Fujii T*, jt. auth.
- see *Saitoh Y*, jt. auth.
- Tanaka M, Watanabe S, Matsumiya N, Okada M, Kondo T, Takahashi S. Enhanced pain management for postgastrectomy patients with combined epidural morphine and fentanyl, 1047
- Targhetta R, see *Ayoub J*, jt. auth.
- Tarshis J, Zuckerman JE, Katz NP, Segal S, Mushlin PS. Labour pain management in a parturient with an implanted intrathecal pump (clinical report), 1278
- Tawfik SR, see *Lazar ER*, jt. auth.
- Tchervenkov JI, see *Ihebunjo C*, jt. auth.
- Teh HP, see *Brookman CA*, jt. auth.
- Teiriä H, Yli-Hankala A, Neuvonen PJ, Olkkola KT. Cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour, 1269
- Teoh K, see *Yang H*, jt. auth.
- Tessler M, see *Kardash K*, jt. auth.
- Tessler MJ, Kleiman SJ, Huberman MM. A "zero tolerance for overtime" increases surgical per case costs, 1036
- Tétrault J-P, see *Carrier J*, jt. auth.
- Thangaroopan M, see *Bender JS*, jt. auth.

- Thangathurai D, see Linz SM, jt. auth.
- Thiesen D, see Wong TD, jt. auth.
- Thomas E, see Lim TW, jt. auth.
- Thomson D, see Hurst T, jt. auth.
- Thomson I, see Searle NR, jt. auth.
- Thomson IR, see Henderson BT, jt. auth.
see Sareen J, jt. auth.
- Tibshirani RJ, see Cheng DCH, jt. auth.
see Wong DT, jt. auth.
- To Q, see Blaise G, jt. auth.
- Tobias JD. Increased cis-atracurium requirements during prolonged administration to a child (clinical report), 82
- Tomaru T, see Takeda S, jt. auth.
- Tong D, Chung F. Recall after total intravenous anaesthesia due to an equipment misuse (clinical report), 73
- Torjman M, see Reinhart DJ, jt. auth.
- Torri G, see Casati A, jt. auth.
- Toyooka H, see Fujii Y, jt. auth.
- Trachuk C, see Dowd N, jt. auth.
- Tramèr MR, Fuchs-Buder T, Sansonetti A, Rifat K. Low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery, 830
- Trépanier CA, see Langevin S, jt. auth.
see Lessard MR, jt. auth.
- Troncy E, Collet J-P, Shapiro S, Guimond J-G, Blair L, Ducruet T, Francoeur M, Charbonneau M, Blaise G. Do we have to treat Acute Respiratory Distress Syndrome (ARDS) with inhaled nitric oxide? (abstract), A33-A
- Francoeur M, Blaise G. Inhaled nitric oxide: clinical applications, indications, and toxicology (review article), 973
see Blaise G, jt. auth.
- Tsuchida H, see Iwasaki H, jt. auth.
- Tsui SL, see Ng KFJ, jt. auth.
- Tsukiyama Y, see Iranami H, jt. auth.
- Tulloch HV, see Cook-Sather SD, jt. auth.
- Tweeddale MG, see Purdy FR, jt. auth.
- Uchida T, Hikawa Y, Saito Y, Yasuda K. The McCoy levering laryngoscope in patients with limited neck extension (equipment report), 674
- Uesugi F, see Inada T, jt. auth.
- Urabe N, see Hirakata H, jt. auth.
- Vachon N, see Bachand M, jt. auth.
- Vadehra N, see Linz SM, jt. auth.
- Vaghadia H, Al-Ahdal AO, Nevin K. EMLA® patch for intravenous cannulation in adult surgical outpatients, 798
see Chilvers CR, jt. auth.
see Scheepers L, jt. auth.
see Viskari D, jt. auth.
- Vakharia N, Clark AJ, Francis H. Unscheduled post-operative discharge in same day admission surgery patients – incidence and causes (abstract), A23-A
- Valiquette L, see Sandler A, jt. auth.
- del Valle SG, see Muñoz Corsini L, jt. auth.
- Van Aken H, see Marcus MAE, jt. auth.
- Van den Broek L, see Schiere S, jt. auth.
- Van der Starre PJA, van Rooyen-Butijn WT. Reduction of intraoperative blood loss by a single dose tranexamic acid (abstract), A6-A
- Van Rooyen-Butijn WT, see van der Starre PJA, jt. auth.
- Vedrinne JM, Duperré S, Decaillet F, Gratadour P, Motin J. Haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study, 354
- Vekeman D, see Reinhart DJ, jt. auth.
- Vertommen JD, see Marcus MAE, jt. auth.
- Viale J-P, see Parlow J, jt. auth.
- Villeneuve E, see Roy L, jt. auth.
- Vishnubala S, Reid D. A retrospective review of the efficacy of intrapleural local anaesthetic injections via an indwelling catheter in the treatment of chronic thoracic pain (abstract), A17-A
- Viskari D, Berrill A, Vaghadia H. Walk-in walk-out spinal anaesthesia for outpatient laparoscopy: evaluation of three hypobaric solutions (abstract), A26-B
- Volgyesi G, see Fisher A, jt. auth.
see Fisher JA, jt. auth.
- Wa Djamba D, see Schröter J, jt. auth.
- Wachowski I, Finegan BA, Clanachan AS. AMP and SNP induced alterations in regional vascular conductance in dogs with acute left ventricular dysfunction (abstract), A46-A
- Wakusawa R, see Kawamura T, jt. auth.
- Walker DS, Brock-Utne JG. A comparison of simple tests to distinguish cerebrospinal fluid from saline, 494
- Wall WJ, see Dobkowski WB, jt. auth.
- Walley KR, see Rudston-Brown B, jt. auth.
- Walrond ER, see Bhavani-Shankar K, jt. auth.
- Walsh F, see Lye A, jt. auth.
- Warrian RK, see Wong TD, jt. auth.
- Warriner B, see Rudston-Brown B, jt. auth.
- Warriner CB, Knox D, Belo S, Cole C, Finegan BA, Perreault L. Prophylactic oral dolasetron mesylate reduces nausea and vomiting after abdominal hysterectomy, 1167
- Wassermann R, see Ganapathy S, jt. auth.
- Watanabe S, see Tanaka M, jt. auth.
- Watson J, see Ganapathy S, jt. auth.
see Moote C, jt. auth.
- Weaver J, see El-Beheiry H, jt. auth.
- Weavind LM, see Pivalizza EG, jt. auth.
- Webb G, see Cregg N, jt. auth.
- Weeks S, see Muir HA, jt. auth.

- Weiss YG, see *Shenkman Z*, jt. auth.
- Welsh BE, see *Rao JJ*, jt. auth.
- White P, see *Arndt GA*, jt. auth.
- Whitmore J, see *Diemunsch P*, jt. auth.
- Whynot S, see *Hung OR*, jt. auth.
- Whynot SC, see *Hung OR*, jt. auth.
- Wierda JMKH, see *Schiere S*, jt. auth.
- Williams G, see *Neumeister MW*, jt. auth.
- Williams JM, Craen RA, Novick T, Komar W. The efficacy of intramuscular (IM) codeine for post-craniotomy pain (abstract), A28-B
- Williams RK, McBride WJ, Abajian JC. Combined spinal and epidural anaesthesia for major abdominal surgery in infants (clinical report), 511
- Williams WG, see *Cregg N*, jt. auth.
- Williamson KM, Smith G. Serum concentrations of lignocaine and pain relief after intraperitoneal administration during hysterectomy (abstract), A66-A
- Wilson-Yang K, see *Yang H*, jt. auth.
- Withington DE, Aranda JV. Histamine release during cardiopulmonary bypass in neonates and infants, 610
- Wong CS, Lu CC, Cherng CH, Ho ST. Pre-emptive analgesia with ketamine, morphine and epidural lidocaine prior to total knee replacement, 31
see *Li CY*, jt. auth.
- Wong D, see *Dowd N*, jt. auth.
see *Lye A*, jt. auth.
- Wong DH, see *Orlay GR*, jt. auth.
- Wong DT, Cheng DCH, Kustra R, Karski J, Carroll-Munro J, Tibshirani RJ, Sandler AN. Predictors of hospital mortality in CABG patients undergoing early extubation anaesthesia (abstract), A65-B
see *Cheng DCH*, jt. auth.
- Wong TD, Ryner L, Kozlowski P, Scarth G, Warrian RK, Lefevre G, Thiessen D, Girling L, Doiron L, McCudden C, Saunders J, Mutch WAC. Cerebral hypoxia during cardiopulmonary bypass: a magnetic resonance imaging study (abstract), A24-B
- Wood AE, see *Porter JM*, jt. auth.
- Wood G. The effect of antihypertensive agents on oxygenation following cardiac surgery (abstract), A62-B
- Heyland DK. Early extubation does not reduce ICU length of stay in cardiac surgery patients (abstract), A5-A
- Wouters PF, see *Marcus MAE*, jt. auth.
- Wright TA, see *Duffy CM*, jt. auth.
- Writer D, see *Muir HA*, jt. auth.
- Wu CC, see *Li CY*, jt. auth.
- Wu SC, see *Choi JH*, jt. auth.
- Wu WC, see *Yang CY*, jt. auth.
- Yamakage M, see *Iwasaki H*, jt. auth.
- Yamamoto M, see *Ivanami H*, jt. auth.
see *Ogawa K*, jt. auth.
- Yamauchi M, see *Iwasaki H*, jt. auth.
- Yang CY, Luk HN, Chen SY, Wu WC, Chai CY. Propofol inhibits medullary pressor mechanisms in cats (laboratory investigation), 775
- Yang F, see *Blaise G*, jt. auth.
- Yang H, Wilson-Yang K, Teoh K, Lee RMKW. Plasma levels of endothelin-like immunoreactivity during coronary bypass (abstract), A6-B
see *Raymer K*, jt. auth.
- Yang HS, see *Goudsouzian N*, jt. auth.
- Yang JCS, see *Ng KFF*, jt. auth.
- Yaster M, see *Fisher QA*, jt. auth.
- Yasuda K, see *Uchida T*, jt. auth.
- Yasugi H, see *Inada T*, jt. auth.
- Yee R, see *Cuillerier DJ*, jt. auth.
see *Sharpe MD*, jt. auth.
- Yel M, see *Durak I*, jt. auth.
- Yen MH, see *Li CY*, jt. auth.
- Yilmaz O, see *Calikyan AO*, jt. auth.
- Yli-Hankala A, see *Teiriä H*, jt. auth.
- Yogendran S, see *Cruise CJ*, jt. auth.
- Yokubol B, see *Miyawaki I*, jt. auth.
- Yoshiya I, see *Shimizu T*, jt. auth.
- Young D. Nitric oxide and related vasodilators (refresher course outline), R23; R29
- Young JEM, see *Dauphin A*, jt. auth.
- Zakowski MI, see *Krishna BR*, jt. auth.
- Zelman V, see *Linz SM*, jt. auth.
- Zestos MM, Carr AS, McAuliffe G, Smith HS, Sikich N, Lerman J. Subhypnotic propofol does not treat postoperative vomiting in children after adenotonsillectomy, 401
- Creighton R. Latex anaphylaxis during tissue expander insertion in a healthy child (clinical report), 1275
- Zuckerman JE, see *Tarshis J*, jt. auth.

Canadian Journal of Anaesthesia

Index of Subjects

Volume 44, December 1997

NOTE: All articles without a category following (e.g., clinical report) are reports of investigation. References that begin with "A" or "R" are abstracts or refresher course outlines contained in the May Annual Meeting Supplement.

ACETAMINOPHEN, *see under* ANALGESICS

ACETYLCHOLINE, *see under* PHARMACOLOGY

ACUTE RESPIRATORY DISTRESS SYNDROME,
see under SYNDROMES

ADDICTION

- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202
- the drug addicted patient: refresher course outline: (Cheng), R101; R107

AGE FACTORS

- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- prolonged mivacurium infusion in young and elderly adults (Goudsouzian *et al*), 955
- propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients (Ganapathy *et al*), 385

AIRWAY

- cricoid pressure: review article (Brimacombe and Berry), 414
- difficult intubation and brain-stem anaesthesia: clinical report (Ananthanarayan *et al*), 658
- has the practice of airway management changed?: abstract (Rose and Cohen), A51-B
- **Obstruction**
 - airway and respiratory management following non-lethal hanging: continuing medical education (Kaki *et al*), 445
 - negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78
 - *see also* EQUIPMENT, Laryngeal mask airway

ALBUTEROL, *see under* SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY

ALFENTANIL, *see under* ANAESTHETICS, INTRAVENOUS; ANALGESICS

ALLERGIES

- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662
- latex anaphylaxis during tissue expander insertion in a healthy child: clinical report (Zestos and Creighton), 1275

ALZHEIMER'S DISEASE, *see under* COMPLICATIONS
AMBULATORY SURGERY, *see under* ANAESTHESIA
ANAESTHESIA

Alternate funding

- does the method of payment affect anaesthetic practice? An evaluation of an Alternate Payment Plan: health care research (Duncan and Ballantyne), 503

Ambulatory

- comparison of recovery following prophylactic ondansetron, dimenhydrinate and placebo in outpatient laparoscopy: abstract (Moote *et al*), A73-A
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371
- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798
- intraoperative adverse events during ambulatory surgical procedures: abstract (Chung and Mezei), A70-A
- music increases satisfaction in elderly outpatients undergoing cataract surgery (Cruise *et al*), 43
- perphenazine decreases vomiting by children after tonsillectomy: brief report (Splinter and Roberts), 1308
- pharmacoeconomics of intravenous regional anaesthesia *vs* general anaesthesia for outpatient hand surgery (Chilvers *et al*), 1152
- propofol *vs* isoflurane for maintenance of general anaesthesia in outpatient bilateral reduction mammoplasty: abstract (Moote *et al*), A73-B
- readmission for bleeding following day care surgery: abstract (Scheepers and Vaghadia), A23-B
- recovery characteristics of sevoflurane and propofol after ambulatory urological surgery in children: abstract (Guard *et al*), A53-A
- same day cardiac surgery: a Canadian perspective: abstract (Badner *et al*), A5-B
- unscheduled post-operative discharge in same day admission surgery patients - incidence and causes: abstract (Vakharia *et al*), A23-A
- use of nitrous oxide improves outcome after brief outpatient surgery: abstract (Kolesar *et al*), A72-A
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825
- walk-in walk-out spinal anaesthesia for outpatient laparoscopy: evaluation of three hypobaric solutions: abstract (Viskari *et al*), A26-B

ANAESTHESIA (continued)**Arthroscopic**

- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371
- propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients (Ganapathy *et al*), 385

Awareness

- awareness during general anesthesia: refresher course outline (Sebel), R124; R128
- intraoperative awareness in cardiac surgery with early extubation anaesthesia: abstract (Dowd *et al*), A8-A
- recall after total intravenous anaesthesia due to an equipment misuse: clinical report (Tong and Chung), 73

Barbados, anaesthesia in

- anaesthesia in Barbados: special article (Bhavani-Shankar *et al*), 559

Cardiac

- anterior cervical myelopathy in the early postoperative period: clinical report (Muñoz Corsini *et al*), 872
- aortic atherosclerotic plaque identified by epiaortic scanning predicts cerebral embolic load in cardiac surgery: abstract (St-Amand *et al*), A7-B
- aortic cannulation is associated with the greatest embolic load in cardiac surgery: abstract (St-Amand *et al*), A63-A
- cardiac output estimation by visual inspection *vs* thermodilution during cardiac surgery (Aye *et al*), 126
- cerebral hypoxia during cardiopulmonary bypass: a magnetic resonance imaging study: abstract (Wong *et al*), A24-B
- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146
- comparison of PCA *vs* IV (on demand) morphine analgesia in early extubated patients post CABG surgery: abstract (Hossain *et al*), A7-A
- continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients: clinical report (Kubota *et al*), 1182
- depletion of activated neutrophils by a filter during cardiac valve surgery (Hurst *et al*), 131
- does radiant heat on the blush area inhibit shivering and decrease rewarming time through peripheral vasodilation? A proposed new method for rewarming postoperative cardiac and surgical patients: abstract (Cushing and Mills), A60-B

- dose-response to anaesthetic induction with sufentanil: haemodynamic and electroencephalographic effects (Sareen *et al*), 19
- the effect of 24 hours of post-operative epidural analgesia on postoperative cardiac morbidity and mortality - a meta-analysis: abstract (Beattie), A19-B
- the effect of antihypertensive agents on oxygenation following cardiac surgery: abstract (Wood), A62-B
- enhanced spontaneous antibody response after coronary artery bypass surgery (Salo *et al*), 617
- factors influencing MAC reduction after cardiopulmonary bypass in dogs: laboratory investigation (Neumeister *et al*), 1120
- heart rate changes in cardiac transplant patients and in the denervated cat heart after edrophonium (Backman *et al*), 247
- heparin/protamine dosing guided by *in vitro* testing does not reduce blood loss and transfusion in cardiac surgery: abstract (Côté), A9-B
- histamine release during cardiopulmonary bypass in neonates and infants (Withington and Aranda), 610
- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662
- interleukin-10 and interleukin-1 receptor antagonists increase during cardiac surgery (Kawamura *et al*), 38
- intraoperative awareness in cardiac surgery with early extubation anaesthesia: abstract (Dowd *et al*), A8-A
- morbidity outcome in patients undergoing cardiac septal myectomy - early extubation anaesthesia (EEA) *vs* high dose narcotic (HDN) anaesthesia: abstract (Cregg *et al*), A8-B
- myocardial ischemia in first day surgery patients undergoing coronary artery bypass graft surgery: abstract (Lye *et al*), A65-A
- the myocardium: refresher course outline (Foëx), R67; R73
- pharmacokinetics of sufentanil in patients undergoing coronary artery bypass grafting: abstract (Henderson *et al*), A63-B
- predictors of hospital mortality in CABG patients undergoing early extubation anaesthesia: abstract (Wong *et al*), A65-B
- predictors of prolonged extubation time (EXT) in CABG patients undergoing early extubation anaesthesia: abstract (Chen *et al*), A9-A
- propofol or midazolam for sedation and early extubation following cardiac surgery (Searle *et al*), 629

- a randomized double-blind study evaluating the haemodynamic effects of two doses of CIS-atracurium to vecuronium in patients undergoing CABG during O₂/sufentanil/propofol anaesthesia: abstract (Searle *et al*), A64-B
- residual neuromuscular blockade after cardiac surgery: pancuronium *vs* rocuronium: brief report (McEwin *et al*), 891
- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934
- ventricular perforation associated with central venous introducer-dilator systems: clinical report (Porter *et al*), 317

Cardiac bypass

- plasma levels of endothelin-like immunoreactivity during coronary bypass: abstract (Yang *et al*), A6-B

Cardiac risk

- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515

Cardiopulmonary bypass

- depletion of activated neutrophils by a filter during cardiac valve surgery (Hurst *et al*), 131
- factors influencing MAC reduction after cardiopulmonary bypass in dogs: laboratory investigation (Neumeister *et al*), 1120
- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662

Cardiothoracic

- anaesthesia for patients after lung transplantation: review article (Haddow), 182
- perioperative anaesthetic considerations for patients undergoing lung transplantation: review article (Singh and Bossard), 284

Cardiovascular

- anaesthesia for carotid artery surgery: refresher course outline (Mutch), R90; R96
- cardiac output estimation by visual inspection *vs* thermodilution during cardiac surgery (Aye *et al*), 126
- patients with aortic stenosis: cardiac complications in non-cardiac surgery: abstract (Raymer and Yang), A3-B
- protamine-induced hypotension and bradycardia in a cardiac transplant patient: clinical report (Backman *et al*), 520

Carotid endarterectomy

- comparison of cerebral oximeter and evoked potential monitoring in carotid endarterectomy (Duffy *et al*), 1077
- comparison of distal oesophageal temperature with "deep" and tracheal temperatures: clinical measurement (Matsukawa *et al*), 433

Coronary artery bypass

- enhanced spontaneous antibody response after coronary artery bypass surgery (Salo *et al*), 617

Depth

- assessment of level of consciousness during intravenous sedation: correlation between a trained observer and bispectral index: abstract (Mehta *et al*), A71-A
- awareness during general anaesthesia: refresher course outline (Sebel), R124; R128
- loss of consciousness and hypoxemia in patients during sedation for digestive endoscopy: abstract (DeLima *et al*), A71-B
- recall after total intravenous anaesthesia due to an equipment misuse: clinical report (Tong and Chung), 73

Emergency room

- anaesthesia and analgesia in the emergency department: refresher course outline (Murphy), R52; R60

Extracorporeal shockwave lithotripsy

- continuous spinal anaesthesia using a standard epidural set for extracorporeal shockwave lithotripsy (Shenkman *et al*), 1042

Gastrectomy

- enhanced pain management for postgastrectomy patients with combined epidural morphine and fentanyl (Tanaka *et al*), 1047

Gynaecological

- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820
- same day drainage and removal of a giant ovarian cyst: clinical report (Nishiyama and Hanaoka), 1087
- sorbitol 2.5%/mannitol 0.54% irrigation solution for hysteroscopic endometrial ablation surgery (Moir *et al*), 473

Head and neck

- limits of laryngeal mask airway in patients after cervical or oral radiotherapy (Giraud *et al*), 1237

Intracranial aneurysm

- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515

Journals (see PUBLICATIONS)

Laparoscopic

Cholecystectomy

- granisetron reduces the incidence and severity of nausea and vomiting after laparoscopic cholecystectomy (Fujii *et al*), 396
- haemodynamic effects of mechanical peritoneal retraction during laparoscopic cholecystectomy (Couture *et al*), 467

ANAESTHESIA (continued)**Laparoscopic (continued)**

- venous gas embolism - a comparison of carbon dioxide and helium in pigs: laboratory investigation (Rudston-Brown *et al*), 1102

Neonate

- combined spinal and epidural anaesthesia for major abdominal surgery in infants: clinical report (Williams *et al*), 511

Neurosurgical

- anaesthesia for stereotactic biopsy: a comparison of midazolam and propofol: abstract (Raman and Manninen), A35-B
- cerebral oxygen extraction during intracranial aneurysm surgery: the influence of PaCO₂: abstract (Orlay and Wong), A59-A
- comparison of cerebral oximeter and evoked potential monitoring in carotid endarterectomy (Duffy *et al*), 1077
- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515
- incidence of immediate postoperative complications in neurosurgical patients: abstract (Boyle *et al*), A36-A

Neuroradiology

- anaesthesia for neuroradiology: refresher course outline (Manninen), R34; R37
- conscious sedation for interventional neuroradiology: a comparison of midazolam and propofol infusion (Manninen *et al*), 26

Obstetric

- an emergency pocket drug case of the 1940s (Rao and Welsh), 896
- anaesthesia for pheochromocytoma in pregnancy: clinical report (Hamilton *et al*), 654
- combined use of intrathecal morphine and non-steroidal anti-inflammatory drugs for post caesarean section analgesia: abstract (Roy *et al*), A15-A
- comparison of epidural fentanyl and lidocaine with subarachnoid sufentanil analgesia during labour: abstract (Giesinger *et al*), A16-B
- development of a maternal satisfaction scale for women undergoing caesarean section: item selection, validity and reliability: abstract (Morgan *et al*), A16-A
- direction of injection does not affect the spread of spinal bupivacaine in parturients (Massé *et al*), 816
- the effect of spinal anaesthesia on cerebral blood flow in parturients undergoing caesarean section: abstract (Grange *et al*), A15-B
- epidural analgesia for labour and delivery: informed consent issues (Pattee *et al*), 918

- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605
- labour pain management in a parturient with an implanted intrathecal pump: clinical report (Tarshis *et al*), 1278
- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702
- peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge (Rosag *et al*), 803
- peripartum management of a patient with Isaacs' syndrome: clinical report (Morgan), 1174
- quality and retrieval of obstetrical anaesthesia randomized controlled trials (Bender *et al*), 14
- recombinant tissue type plasminogen activator treatment of thrombosed mitral valve prosthesis during pregnancy: clinical report (Fleyfel *et al*), 735
- treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060

Ophthalmological**Cataract**

- brainstem anaesthesia after peribulbar anaesthesia: clinical report (Gomez *et al*), 732
- difficult intubation and brain-stem anaesthesia: clinical report (Ananthanarayan *et al*), 658

Strabismus

- dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery: brief report (Mikawa *et al*), 95
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825

Orthopaedic

- cardiovascular collapse after femoral prosthesis surgery for acute hip fracture: clinical report (Pietak *et al*), 198
- clinical features and echocardiography of embolism during cemented hip arthroplasty (Lafont *et al*), 112
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371
- a cost assessment of intraoperative blood salvage for primary total hip arthroplasty using the COBE BRAT 1© system: abstract (Smith and Crosby), A10-B
- efficacy of continuous femoral block following total knee arthroplasty: abstract (Ganapathy *et al*), A68-A

- influence of anaesthetic decision making on resource use in major joint replacement: abstract (Orkin), A11-A
- pre-emptive analgesia with ketamine, morphine and epidural lidocaine prior to total knee replacement (Wong *et al*), 31
- preoperative autologous donation of 6 units of blood during rh-EPO treatment: brief report (Milbrink *et al*), 1315
- propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients (Ganapathy *et al*), 385
- a prospective quality assurance review of anaesthetic technique for lower extremity surgery: abstract (Farmer and Muir), A27-B
- relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty: laboratory investigation (Murphy *et al*), 1293

Otolaryngological

- perphenazine decreases vomiting by children after tonsillectomy: brief report (Splinter and Roberts), 1308
- subhypnotic propofol does not treat postoperative vomiting in children after adenotonsillectomy (Zestos *et al*), 401

Paediatric

- the adult Bullard laryngoscope in paediatric patients (Shulman *et al*), 969
- anaesthetic management of a patient with Leigh's syndrome: clinical report (Shenkman *et al*), 1091
- combined spinal and epidural anaesthesia for major abdominal surgery in infants: clinical report (Williams *et al*), 511
- detecting wakefulness in anaesthetised children (Byers and Muir), 486
- detection of intravascular injection of regional anaesthetics in children (Fisher *et al*), 592
- dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery: brief report (Mikawa *et al*), 95
- the effectiveness of oral clonidine as a perioperative analgesic in paediatric adenotonsillectomy: abstract (Dunn *et al*), A54-B
- epidural anaesthesia for ureteral reimplantation in an infant with congenital tracheal stenosis: clinical report (Concha *et al*), 666
- gastric fluid measurement by blind aspiration in paediatric patients: a gastroscopic evaluation (Cook-Sather *et al*), 168
- gastric fluid volume in infants for pyloromyotomy (Cook-Sather *et al*), 278

- heart rate and cardiac output after atropine in anaesthetised infants and children (McAuliffe *et al*), 154
- histamine release during cardiopulmonary bypass in neonates and infants (Withington and Aranda), 610
- increased cis-atracurium requirements during prolonged administration to a child: clinical report (Tobias), 82
- laryngeal mask airway facilitated fiberoptic bronchoscopy in infants (Bandla *et al*), 1242
- latex anaphylaxis during tissue expander insertion in a healthy child: clinical report (Zestos and Creighton), 1275
- monitoring orbicularis oculi predicts good intubating conditions after vecuronium in children (Plaud *et al*), 712
- perphenazine decreases vomiting by children after tonsillectomy: brief report (Splinter and Roberts), 1308
- plasma concentrations of flumazenil following intranasal administration in children: abstract (Schepers *et al*), A54-A
- plasma levels of acetaminophen at 24 hours after a perioperative oral dose regimen of 20 mg/kg q6h in paediatrics: abstract (Sanderson *et al*), A55-A
- postoperative rep paralysis after rocuronium following nebulized epinephrine: clinical report (Arndt *et al*), 321
- serum concentrations of bupivacaine during prolonged continuous paravertebral infusion in young infants: abstract (Cheung *et al*), A52-B
- subhypnotic propofol does not treat postoperative vomiting in children after adenotonsillectomy (Zestos *et al*), 401
- trial of three methods of intraoperative bupivacaine analgesia for pain after paediatric groin surgery (Anatol *et al*), 1053
- venous air embolism during orthotopic liver transplantation in a child: clinical report (Souiron *et al*), 1187

Phaeochromocytoma

- anaesthesia for phaeochromocytoma in pregnancy: clinical report (Hamilton *et al*), 654

Plastic surgery

- latex anaphylaxis during tissue expander insertion in a healthy child: clinical report (Zestos and Creighton), 1275

Potency, MAC

- factors influencing MAC reduction after cardiopulmonary bypass in dogs: laboratory investigation (Neumeister *et al*), 1120

ANAESTHESIA (*continued*)**Preoperative assessments** (*see* **PREOPERATIVE ASSESSMENTS**)**Subarachnoid haemorrhage**

- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515

Theories of anaesthetic action

- effects of inhalational and local anaesthetics on the sensitive plant *mimosa pudica*: a potential model for the investigation of anaesthetic mechanisms: abstract (Milne and Beamish), A22-A
- magnesium deficiency increases ketamine sensitivity in rats: laboratory investigation (Orser *et al*), 883

Thoracic

- anaesthesia for tracheal resection - report of 17 cases: clinical report (Magnusson *et al*), 1282

Urological

- analgesia/sedation requirements during ESWL of renal calculi with the Siemens Lithostar Multiline: abstract (Hawboldt *et al*), A19-A
- electromotive drug administration (EMDA) of lidocaine for transurethral surgery: abstract (Sandler *et al*), A20-A

Vascular

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096

ANAESTHESIA HISTORY, *see* **HISTORY OF ANAESTHESIA****ANAESTHESIOLOGY**

- the attitude of the general public toward anaesthetists and the prospect of general anaesthesia: abstract (Finegan and Finucane), A38-A

Education (*see* **EDUCATION**)

- perioperative cardiovascular evaluation and ACC/AHA guidelines - do we change our practice?: abstract (Davison *et al*), A64-A
- prospective quality assurance review of anaesthetic technique for lower extremity surgery: abstract (Farmer and Muir), A27-B
- public relations in anaesthesia: refresher course outline (Eltringham), R131; R134

ANAESTHETIC TECHNIQUES**AMP**

- AMP and SNP induced alterations in regional vascular conductance in dogs with acute left ventricular dysfunction: abstract (Wachowski *et al*), A46-A

Balanced

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118

Complications

- detection of intravascular injection of regional anaesthetics in children (Fisher *et al*), 592

Continuous haemodiafiltration

- continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients: clinical report (Kubota *et al*), 1182

Epidural

- bupivacaine decreases epidural meperidine requirements after abdominal surgery (St-Onge *et al*), 360
- combined spinal and epidural anaesthesia for major abdominal surgery in infants: clinical report (Williams *et al*), 511
- comparison of epidural fentanyl and lidocaine with subarachnoid sufentanil analgesia during labour: abstract (Giesinger *et al*), A16-B
- a comparison of simple tests to distinguish cerebrospinal fluid from saline (Walker and Brock-Utne), 494
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371
- detection of intravascular injection of regional anaesthetics in children (Fisher *et al*), 592
- double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of childbirth pain (Muir *et al*), 599
- the effect of 24 hours of post-operative epidural analgesia on postoperative cardiac morbidity and mortality - a meta-analysis: abstract (Beattie), A19-B
- epidural abscess after combined spinal-epidural block: clinical report (Schröter *et al*), 300
- epidural anaesthesia for ureteral reimplantation in an infant with congenital tracheal stenosis: clinical report (Concha *et al*), 666
- epidural analgesia for labour and delivery: informed consent issues (Pattee *et al*), 918
- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605
- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702
- prospective randomised double blind evaluation of epidural vs intravenous fentanyl: abstract (Bignell *et al*), A67-A
- same day drainage and removal of a giant ovarian cyst: clinical report (Nishiyama and Hanaoka), 1087
- spinal artery syndrome masked by postoperative epidural analgesia: clinical report (Linz *et al*), 1178

- spinal somatosensory evoked potentials after epidural isoproterenol in awake sheep: laboratory report (Marcus *et al*), 85

Extrapleural

- serum bupivacaine concentrations during continuous extrapleural infusion (Dauphin *et al*), 367

General

- abdominal compartment syndrome: clinical report (Reeves *et al*), 308
- anaesthesia for patients after lung transplantation: review article (Haddow), 182
- anticholinergics improve fiberoptic intubating conditions during general anaesthesia (Brookman *et al*), 165
- clinical reassessment of malignant hyperthermia in Abitibi-Témiscamingue (Bachand *et al*), 696
- clonidine at induction reduces shivering after general anaesthesia (Buggy *et al*), 263
- continuous oesophageal aortic blood flow echo-Doppler measurement during general anaesthesia in infants: measurement technique (Gucugniaud *et al*), 745
- enhanced spontaneous antibody response after coronary artery bypass surgery (Salo *et al*), 617
- laryngeal mask airway facilitated fiberoptic bronchoscopy in infants (Bandla *et al*), 1242
- pharmacoeconomics of intravenous regional anaesthesia *vs* general anaesthesia for outpatient hand surgery (Chilvers *et al*), 1152
- same day drainage and removal of a giant ovarian cyst: clinical report (Nishiyama and Hanaoka), 1087

Hypotension, induced

- AMP and SNP induced alterations in regional vascular conductance in dogs with acute left ventricular dysfunction: abstract (Wachowski *et al*), A46-A
- haemodynamic effects of hypotension induced by KRN2391 and nicardipine in isoflurane anaesthetized dogs: laboratory investigation (Takeda *et al*), 1002

Induction

- haemodynamic and catecholamine changes during rapid sevoflurane induction with tidal volume breathing (Nishiyama *et al*), 1066
- physostigmine increases the dose of propofol required to induce anaesthesia (Fassoulaki *et al*), 1148

Inhalational

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118

Enflurane

- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071

Halothane

- impaired antioxidant defence in guinea pig heart tissues treated with halothane: laboratory investigation (Durak *et al*), 1014

Isoflurane

- the effect of hypocapnia on cerebral blood volume during isoflurane anaesthesia in rabbits with brain tumours: abstract (Craen *et al*), A36-B
- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- propofol *vs* isoflurane for maintenance of general anaesthesia in outpatient bilateral reduction mammoplasty: abstract (Moote *et al*), A73-B
- median nerve somatosensory evoked potentials during isoflurane anaesthesia (Porikkala *et al*), 963
- new induction agents: refresher course outline (Sear), R3; R8

Sevoflurane

- haemodynamic and catecholamine changes during rapid sevoflurane induction with tidal volume breathing (Nishiyama *et al*), 1066
- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071

Intrathecal morphine

- the duration of action of intrathecal morphine; does timing of administration make a difference?: abstract (Schultz and Fear), A67-B
- treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060

Intravenous

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118
- pharmacoeconomics of intravenous regional anaesthesia *vs* general anaesthesia for outpatient hand surgery (Chilvers *et al*), 1152
- prospective randomised double blind evaluation of epidural *vs* intravenous fentanyl: abstract (Bignell *et al*), A67-A
- recall after total intravenous anaesthesia due to an equipment misuse: clinical report (Tong and Chung), 73

ANAESTHESIA TECHNIQUES (*continued*)**Intubation** (*see* INTUBATION, TRACHEAL)**Local**

- anaesthesia for patients after lung transplantation: review article (Haddow), 182
- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371

Low/minimal flow

- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643

Monitored care, music

- music enhances patient controlled sedation for monitored anaesthesia care: abstract (Curran *et al*), A72-B

Nerve block

- trial of three methods of intraoperative bupivacaine analgesia for pain after paediatric groin surgery (Anatol *et al*), 1053

One lung ventilation

- arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane (Shimizu *et al*), 1162

Peribulbar

- brainstem anaesthesia after peribulbar anaesthesia: clinical report (Gomez *et al*), 732

Position of patient

- effect of head-up position on speed of arterial haemoglobin oxygen desaturation at induction of general anaesthesia: abstract (Mashava and Chinyanga), A49-A

Regional

- anaesthesia for patients after lung transplantation: review article (Haddow), 182

Brachial plexus

- postoperative analgesic effect of low dose bupivacaine for interscalene brachial plexus block for shoulder surgery, a dose finding study: abstract (Al-Kaisy *et al*), A60-A
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371

Femoral nerve

- efficacy of continuous femoral block following total knee arthroplasty: abstract (Ganapathy *et al*), A68-A
- reducing pain after arthroscopic anterior cruciate ligament repair - comparison of ketorolac *vs* femoral nerve block: abstract (Peng *et al*), A69-B

Intraperitoneal

- serum concentrations of lignocaine and pain relief after intraperitoneal administration during hysterectomy: abstract (Williamson and Smith), A66-A

Intrapleural

- a retrospective review of the efficacy of intrapleural local anaesthetic injections via an indwelling catheter in the treatment of chronic thoracic pain: abstract (Vishnubala and Reid), A17-A

Paravertebral

- serum concentrations of bupivacaine during prolonged continuous paravertebral infusion in young infants: abstract (Cheung *et al*), A52-B
- pharmacoeconomics of intravenous regional anaesthesia *vs* general anaesthesia for outpatient hand surgery (Chilvers *et al*), 1152

Retrobulbar

- difficult intubation and brain-stem anaesthesia: clinical report (Ananthanarayan *et al*), 658

Stellate ganglion block

- lidocaine tape relieves pain due to needle insertion during stellate ganglion block (Inada *et al*), 259

Superior laryngeal nerve

- effects of superior laryngeal nerve block on heart rate and blood pressure responses to endotracheal intubation: abstract (Alhashemi *et al*), A4-B

SNP

- AMP and SNP induced alterations in regional vascular conductance in dogs with acute left ventricular dysfunction: abstract (Wachowski *et al*), A46-A

Spinal

- assessment of a new ultrafiltration blood processing system: equipment review (Duffy *et al*), 1204
- cardiac performance during unilateral lumbar spinal block after crystalloid preload (Casati *et al*), 623
- combined spinal and epidural anaesthesia for major abdominal surgery in infants: clinical report (Williams *et al*), 511
- comparison of epidural fentanyl and lidocaine with subarachnoid sufentanil analgesia during labour: abstract (Giesinger *et al*), A16-B
- a comparison of simple tests to distinguish cerebrospinal fluid from saline (Walker and Brock-Utne), 494
- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371

- continuous spinal anaesthesia using a standard epidural set for extracorporeal shockwave lithotripsy (Shenkman *et al*), 1042
- density of various local anaesthetic-opioid solutions and their spread in an *in vitro* model of the spinal canal: abstract (Money *et al*), A28-A
- direction of injection does not affect the spread of spinal bupivacaine in parturients (Massé *et al*), 816
- dose-dependency of minimum effective anaesthetic concentration (MEAC) of hyperbaric lidocaine for spinal anaesthesia: abstract (Peng and Chan), A69-A
- the duration of action of intrathecal morphine; does timing of administration make a difference?: abstract (Schultz and Fear), A67-B
- the effect of spinal anaesthesia on cerebral blood flow in parturients undergoing caesarean section: abstract (Grange *et al*), A15-B
- epidural abscess after combined spinal-epidural block: clinical report (Schröter *et al*), 300
- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605
- peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge (Rosaeg *et al*), 803
- spinal anaesthesia with midazolam in the rat: laboratory investigation (Bahar *et al*), 208
- walk-in walk-out spinal anaesthesia for outpatient laparoscopy: evaluation of three hypobaric solutions: abstract (Viskari *et al*), A26-B

Subarachnoid

- treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060

Test-dose

- detection of intravascular injection of regional anaesthetics in children (Fisher *et al*), 592
- spinal somatosensory evoked potentials after epidural isoproterenol in awake sheep: laboratory report (Marcus *et al*), 85

Thoracic epidurals, local anaesthetic

- neuropathies masquerading as an epidural complication: clinical report (Kahn), 313

ANAESTHETICS, GASES

Nitrous oxide

- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140
- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008

- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- use of nitrous oxide improves outcome after brief outpatient surgery: abstract (Kolesar *et al*), A72-A

ANAESTHETICS, INTRAVENOUS

Alfentanil

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118

Fentanyl

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118

Ketamine

- ketamine inhibits nitric oxide synthase in lipopolysaccharide-treated rat alveolar macrophages: laboratory investigation (Li *et al*), 989
- magnesium deficiency increases ketamine sensitivity in rats: laboratory investigation (Orser *et al*), 883
- suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam: laboratory investigation (Miyawaki *et al*), 1301

Midazolam

- anaesthesia for stereotactic biopsy: a comparison of midazolam and propofol: abstract (Raman and Manninen), A35-B
- conscious sedation for interventional neuroradiology: a comparison of midazolam and propofol infusion (Manninen *et al*), 26
- propofol or midazolam for sedation and early extubation following cardiac surgery (Searle *et al*), 629
- suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam: laboratory investigation (Miyawaki *et al*), 1301
- new induction agents: refresher course outline (Sear), R3; R8

Patient-controlled

- propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients (Ganapathy *et al*), 385

Pentobarbitone

- nocifensive reflex thresholds in rats: measures of central nervous system effects of barbiturates: laboratory investigation (Archer *et al*), 765

ANAESTHETICS, INTRAVENOUS (*continued*)**Propofol**

- anaesthesia for stereotactic biopsy: a comparison of midazolam and propofol: abstract (Raman and Manninen), A35-B
- conscious sedation for interventional neuroradiology: a comparison of midazolam and propofol infusion (Manninen *et al*), 26
- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- physostigmine increases the dose of propofol required to induce anaesthesia (Fassoulaki *et al*), 1148
- propofol inhibits medullary pressor mechanisms in cats: laboratory investigation (Yang *et al*), 775
- propofol or midazolam for sedation and early extubation following cardiac surgery (Searle *et al*), 629
- propofol patient-controlled sedation during hip or knee arthroplasty in elderly patients (Ganapathy *et al*), 385
- propofol *vs* isoflurane for maintenance of general anaesthesia in outpatient bilateral reduction mammoplasty: abstract (Moote *et al*), A73-B
- propofol-thiopental stability study: abstract (Lazar *et al*), A21-B
- recovery characteristics of sevoflurane and propofol after ambulatory urological surgery in children: abstract (Guard *et al*), A53-A
- suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam: laboratory investigation (Miyawaki *et al*), 1301
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825

Sufentanil

- dose-response to anaesthetic induction with sufentanil: haemodynamic and electroencephalographic effects (Sareen *et al*), 19
- pharmacokinetics of sufentanil in patients undergoing coronary artery bypass grafting: abstract (Henderson *et al*), A63-B

Thiopental

- propofol-thiopental stability study: abstract (Lazar *et al*), A21-B

Thiopentone

- cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour (Teiriä *et al*), 1269

- enhancement of CNS activity by thiopentone: comparison of nocifensive reflex thresholds with hippocampal electroencephalography: abstract (Archer and Roth), A35-A
- nocifensive reflex thresholds in rats: measures of central nervous system effects of barbiturates: laboratory investigation (Archer *et al*), 765

ANAESTHETICS, LOCAL**Bupivacaine**

- bupivacaine decreases epidural meperidine requirements after abdominal surgery (St-Onge *et al*), 360
- cardiac performance during unilateral lumbar spinal block after crystalloid preload (Casati *et al*), 623
- direction of injection does not affect the spread of spinal bupivacaine in parturients (Massé *et al*), 816
- double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of childbirth pain (Muir *et al*), 599
- postoperative analgesic effect of low dose bupivacaine for interscalene brachial plexus block for shoulder surgery, a dose finding study: abstract (Al-Kaisy *et al*), A60-A
- serum bupivacaine concentrations during continuous extrapleural infusion (Dauphin *et al*), 367
- serum concentrations of bupivacaine during prolonged continuous paravertebral infusion in young infants: abstract (Cheung *et al*), A52-B
- trial of three methods of intraoperative bupivacaine analgesia for pain after paediatric groin surgery (Anatol *et al*), 1053

Chloroprocaine

- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371

Cocaine

- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525
- density of spinal anaesthetics after addition of neuroaxial opioids: abstract (Hare and Ngan), A26-A
- density of various local anaesthetic-opioid solutions and their spread in an *in vitro* model of the spinal canal: abstract (Money *et al*), A28-A
- effects of inhalational and local anaesthetics on the sensitive plant *mimosa pudica*: a potential model for the investigation of anaesthetic mechanisms: abstract (Milne and Beamish), A22-A

EMLA

- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707
- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798

Lidocaine

- a comparison of three regional anaesthesia techniques for outpatient knee arthroscopy (Goranson *et al*), 371
- dose-dependency of minimum effective anaesthetic concentration (MEAC) of hyperbaric lidocaine for spinal anaesthesia: abstract (Peng and Chan), A69-A
- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798
- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498
- lidocaine alters the membrane properties of neurons in the thalamus - the gateway to sensorium: abstract (Schwarz and Puil), A37-B
- lidocaine tape relieves pain due to needle insertion during stellate ganglion block (Inada *et al*), 259
- spinal anaesthesia with midazolam in the rat: laboratory investigation (Bahar *et al*), 208

Midazolam

- spinal anaesthesia with midazolam in the rat: laboratory investigation (Bahar *et al*), 208

Prilocaine, topical

- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798

Ropivacaine

- double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of childbirth pain (Muir *et al*), 599

Tetracaine

- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707

ANAESTHETICS, VOLATILE**Desflurane**

- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- a mathematic evaluation of the temperature dependence of the vapor pressure of desflurane: abstract (Sosis and Robles), A21-A
- effects of inhalational and local anaesthetics on the sensitive plant *mimosa pudica*: a potential model for the investigation of anaesthetic mechanisms: abstract (Milne and Beamish), A22-A

Enflurane

- do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors?: laboratory investigation (Blaise *et al*), 550
- factors influencing MAC reduction after cardiopulmonary bypass in dogs: laboratory investigation (Neumeister *et al*), 1120
- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071

Halothane

- halothane and isoflurane enhance melanoma tumour metastasis in mice: laboratory report (Moudgil and Singal), 90
- halothane does not attenuate the vasorelaxation induced by a nitric oxide solution: abstract (Blaise *et al*), A45-B
- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Iranami *et al*), 1196
- impaired antioxidant defence in guinea pig heart tissues treated with halothane: laboratory investigation (Durak *et al*), 1014
- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

Isoflurane

- arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane (Shimizu *et al*), 1162
- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202
- continuous oesophageal aortic blood flow echo-Doppler measurement during general anaesthesia in infants: measurement technique (Gueugniaud *et al*), 745
- do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors?: laboratory investigation (Blaise *et al*), 550
- the effect of hypocapnia on cerebral blood volume during isoflurane anaesthesia in rabbits with brain tumours: abstract (Craen *et al*), A36-B
- factors influencing MAC reduction after cardiopulmonary bypass in dogs: laboratory investigation (Neumeister *et al*), 1120
- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140
- halothane and isoflurane enhance melanoma tumour metastasis in mice: laboratory report (Moudgil and Singal), 90
- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071
- intrathecal neurokinin-1 receptor antagonist reduces isoflurane MAC in rats: laboratory investigation (Ishizaki *et al*), 543
- isoflurane inhibits endothelium-mediated nitric oxide relaxing pathways in the isolated perfused rabbit lung: laboratory investigation (Oshima *et al*), 1108

ANAESTHETICS, VOLATILE (*continued*)**Isoflurane** (*continued*)

- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults under-going strabismus surgery (Tramèr *et al*), 830
- median nerve somatosensory evoked potentials during isoflurane anaesthesia (Porkkala *et al*), 963
- platelet aggregation is impaired during anaesthesia with sevoflurane but not with isoflurane (Hirakata *et al*), 1157
- propofol *vs* isoflurane for maintenance of general anaesthesia in outpatient bilateral reduction mammoplasty: abstract (Moore *et al*), A73-B
- reduction in post-intubation respiratory resistance by isoflurane and albuterol (Choi *et al*), 717
- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

Sevoflurane

- arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane (Shimizu *et al*), 1162
- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- haemodynamic and catecholamine changes during rapid sevoflurane induction with tidal volume breathing (Nishiyama *et al*), 1066
- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140
- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071
- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- platelet aggregation is impaired during anaesthesia with sevoflurane but not with isoflurane (Hirakata *et al*), 1157
- recovery characteristics of sevoflurane and propofol after ambulatory urological surgery in children: abstract (Guard *et al*), A53-A
- sevoflurane does not appear to have any effect on SA node function and intraatrial conduction in Wolff-Parkinson-White Syndrome (WPW): abstract (Cuillerier *et al*), A22-B
- sevoflurane does not appear to have electrophysiological effects upon the accessory pathway in Wolff-Parkinson-White (WPW) patients: abstract (Sharpe *et al*), A46-B

- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

ANALGESIA

- analgesia/sedation requirements during ESWL of renal calculi with the Siemens Lithostar Multiline: abstract (Hawboldt *et al*), A19-A

Combination

- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479
- electromotive drug administration (EMDA) of lidocaine for transurethral surgery: abstract (Sandler *et al*), A20-A

Emergency room

- anaesthesia and analgesia in the emergency department: refresher course outline (Murphy), R52; R60

Intensive care unit

- sedation, analgesia and muscle relaxation and the critically ill patient: refresher course outline (Park), R40; R46

Local

- trial of three methods of intraoperative bupivacaine analgesia for pain after paediatric groin surgery (Anatol *et al*), 1053

Obstetric

- double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of childbirth pain (Muir *et al*), 599
- intravenous fentanyl PCA during labour (Nikkola *et al*), 1248
- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605
- labour pain management in a parturient with an implanted intrathecal pump: clinical report (Tarshis *et al*), 1278
- peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge (Rosaeg *et al*), 803
- sufentanil transfer in the human placenta during *in vitro* perfusion: laboratory investigation (Krishna *et al*), 996

Patient-controlled

- acute pain: guidelines for care: refresher course outline (Sandler), R137; R142
- comparison of PCA *vs* IV (on demand) morphine analgesia in early extubated patients post CABG surgery: abstract (Hossain *et al*), A7-A
- comparison of tramadol and tramadol/droperidol mixture for patient-controlled analgesia (Ng *et al*), 810

- intravenous fentanyl PCA during labour (Nikkola *et al*), 1248
- patient attitudes regarding PCA and associated costs (Badner *et al*), 255
- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702
- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479
- postoperative pain management with IV sufentanil PCA: a prospective open study: abstract (De Kock *et al*), A18-A

Postoperative

- acute pain: guidelines for care: refresher course outline (Sandler), R137; R142
- combined use of intrathecal morphine and non-steroidal anti-inflammatory drugs for post caesarean section analgesia: abstract (Roy *et al*), A15-A
- comparison of pre-emptive analgesic effects of epidural *vs* intravenous fentanyl: abstract (Calikyan *et al*), A68-B
- the effect of 24 hours of post-operative epidural analgesia on postoperative cardiac morbidity and mortality - a meta-analysis: abstract (Beattie), A19-B
- effect of treatment of subarachnoid morphine-induced pruritus on postoperative nausea and vomiting: abstract (Alhashemi *et al*), A18-B
- enhanced pain management for postgastrectomy patients with combined epidural morphine and fentanyl (Tanaka *et al*), 1047
- neuropathies masquerading as an epidural complication: clinical report (Kahn), 313
- patient attitudes regarding PCA and associated costs (Badner *et al*), 255
- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702
- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479
- postoperative analgesic effect of low dose bupivacaine for interscalene brachial plexus block for shoulder surgery, a dose finding study: abstract (Al-Kaisy *et al*), A60-A
- reducing pain after arthroscopic anterior cruciate ligament repair - comparison of ketorolac *vs* femoral nerve block: abstract (Peng *et al*), A69-B
- serum concentrations of lignocaine and pain relief after intraperitoneal administration during hysterectomy: abstract (Williamson and Smith), A66-A

- transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain (Reinhart *et al*), 377

Pre-emptive

- comparison of pre-emptive analgesic effects of epidural *vs* intravenous fentanyl: abstract (Calikyan *et al*), A68-B
- peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge (Rosaeg *et al*), 803
- prospective randomised double blind evaluation of epidural *vs* intravenous fentanyl: abstract (Bignell *et al*), A67-A

ANALGESICS

Acetaminophen

- plasma levels of acetaminophen at 24 hours after a perioperative oral dose regimen of 20 mg/kg q6h in paediatrics: abstract (Sanderson *et al*), A55-A

Addiction

- the drug addicted patient: refresher course outline (Cheng), R101; R107

Alfentanil

- postoperative nausea and vomiting (PONV); comparison of intraoperative use of alfentanil, fentanyl and sufentanil: abstract (Langevin *et al*), A25-B

Clonidine

- alpha-2 adrenergic agonists: refresher course outline (Maze), R13; R19
- the effectiveness of oral clonidine as a perioperative analgesic in paediatric adenotonsillectomy: abstract (Dunn *et al*), A54-B

Codeine

- the efficacy of intramuscular (IM) codeine for post-craniotomy pain: abstract (Williams *et al*), A28-B

Dextrometomidine

- alpha-2 adrenergic agonists: refresher course outline (Maze), R13; R19

Fentanyl

- comparison of pre-emptive analgesic effects of epidural *vs* intravenous fentanyl: abstract (Calikyan *et al*), A68-B
- enhanced pain management for postgastrectomy patients with combined epidural morphine and fentanyl (Tanaka *et al*), 1047
- intravenous fentanyl PCA during labour (Nikkola *et al*), 1248
- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605
- labour pain management in a parturient with an implanted intrathecal pump: clinical report (Tarshis *et al*), 1278

ANALGESICS (continued)**Fentanyl (continued)****Liposome-encapsulated**

- pharmacokinetics of multiple doses of inhaled liposome-encapsulated fentanyl (LEF) in healthy volunteers: abstract (Hung *et al*), A47-B
- respiratory effects of repeated pulmonary administration of liposome-encapsulated fentanyl (LEF) in healthy volunteers: abstract (Hung *et al*), A48-A
- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929
- postoperative nausea and vomiting (PONV); comparison of intraoperative use of alfentanil, fentanyl and sufentanil: abstract (Langevin *et al*), A25-B
- prospective randomised double blind evaluation of epidural *vs* intravenous fentanyl: abstract (Bignell *et al*), A67-A
- transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain (Reinhart *et al*), 377

Heroin

- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525

Ketamine

- pre-emptive analgesia with ketamine, morphine and epidural lidocaine prior to total knee replacement (Wong *et al*), 31

Ketoprofen

- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479

Ketorolac

- reducing pain after arthroscopic anterior cruciate ligament repair - comparison of ketorolac *vs* femoral nerve block: abstract (Peng *et al*), A69-B
- transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain (Reinhart *et al*), 377

Lidocaine

- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605

Meperidine

- bupivacaine decreases epidural meperidine requirements after abdominal surgery (St-Onge *et al*), 360
- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702

Morphine

- combined use of intrathecal morphine and non-steroidal anti-inflammatory drugs for post

caesarean section analgesia: abstract (Roy *et al*), A15-A

- compatibility of morphine and toradol as a mixture: abstract (Cole *et al*), A20-B
- the duration of action of intrathecal morphine; does timing of administration make a difference?: abstract (Schultz and Fear), A67-B
- enhanced pain management for postgastrectomy patients with combined epidural morphine and fentanyl (Tanaka *et al*), 1047
- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929
- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479
- pre-emptive analgesia with ketamine, morphine and epidural lidocaine prior to total knee replacement (Wong *et al*), 31
- treatment of intrathecal morphine-induced pruritus; diphenhydramine *vs* nalbuphine: abstract (Alhashemi *et al*), A25-A

NSAIDs

- combined use of intrathecal morphine and non-steroidal anti-inflammatory drugs for post caesarean section analgesia: abstract (Roy *et al*), A15-A
- compatibility of morphine and toradol as a mixture: abstract (Cole *et al*), A20-B
- dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery: brief report (Mikawa *et al*), 95
- reducing pain after arthroscopic anterior cruciate ligament repair - comparison of ketorolac *vs* femoral nerve block: abstract (Peng *et al*), A69-B

Opioids

- intravenous fentanyl PCA during labour (Nikkola *et al*), 1248
- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929

Pethidine

- patient-controlled epidural analgesia after Caesarean section using meperidine (Ngan Kee *et al*), 702

Propacetamol

- postoperative analgesia with *iv* propacetamol and ketoprofen combination after disc surgery (Fletcher *et al*), 479

Remifentanyl

- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525

Sufentanil

- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929
- postoperative nausea and vomiting (PONV); comparison of intraoperative use of alfentanil, fentanyl and sufentanil: abstract (Langevin *et al*), A25-B
- sufentanil transfer in the human placenta during *in vitro* perfusion: laboratory investigation (Krishna *et al*), 996

Tramadol

- comparison of tramadol and tramadol/droperidol mixture for patient-controlled analgesia (Ng *et al*), 810

Transdermal

- transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain (Reinhart *et al*), 377

ANTAGONISTS**CP96,345/Intrathecal administration**

- intrathecal neurokinin-1 receptor antagonist reduces isoflurane MAC in rats: laboratory investigation (Ishizaki *et al*), 543

Flumazenil

- plasma concentrations of flumazenil following intranasal administration in children: abstract (Schepers *et al*), A54-A

Neuromuscular relaxants (see also NEUROMUSCULAR RELAXANTS)

- heart rate changes in cardiac transplant patients and in the denervated cat heart after edrophonium (Backman *et al*), 247
- neostigmine requirements for reversal of neuromuscular blockade following an infusion of mivacurium (Lessard *et al*), 836
- physostigmine increases the dose of propofol required to induce anaesthesia (Fassoulaki *et al*), 1148
- bradycardia produced by pyridostigmine and physostigmine: laboratory investigation (Stein *et al*), 1286

ANTERIOR SPINAL ARTERY SYNDROME,*see under SYNDROMES***ANTICHOLINESTERASE**

- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021

ANTIEMETICS**Dolasetron**

- intravenous dolasetron mesilate ameliorates postoperative nausea and vomiting (Diemunsch *et al*), 173
- prophylactic oral dolasetron mesylate reduces nausea and vomiting after abdominal hysterectomy (Warriner *et al*), 1167

Droperidol

- comparison of tramadol and tramadol/droperidol mixture for patient-controlled analgesia (Ng *et al*), 810
- granisetron reduces the incidence and severity of nausea and vomiting after laparoscopic cholecystectomy (Fujii *et al*), 396
- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820

Granisetron

- granisetron reduces postoperative nausea and vomiting throughout menstrual cycle (Fujii *et al*), 489
- granisetron reduces the incidence and severity of nausea and vomiting after laparoscopic cholecystectomy (Fujii *et al*), 396
- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820
- prophylactic antiemetic efficacy of granisetron in patients with and without previous postoperative emesis (Fujii *et al*), 273

5-HT₃ antagonists

- intravenous dolasetron mesilate ameliorates postoperative nausea and vomiting (Diemunsch *et al*), 173
- prophylactic oral dolasetron mesylate reduces nausea and vomiting after abdominal hysterectomy (Warriner *et al*), 1167

Metoclopramide

- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820

Ondansetron

- comparison of recovery following prophylactic ondansetron, dimenhydrinate and placebo in outpatient laparoscopy: abstract (Moote *et al*), A73-A
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825
- *see also* VOMITING

ANTIGENS

- enhanced spontaneous antibody response after coronary artery bypass surgery (Salo *et al*), 617

APROTININ, see under PHARMACOLOGY**ARRHYTHMIA, see under HEART****ARTERIES****Cerebral**

- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426
- nitric oxide and related vasodilators: refresher course outline (Young), R23; R29

ARTERIES (continued)**Pulmonary**

- isoflurane inhibits endothelium-mediated nitric oxide relaxing pathways in the isolated perfused rabbit lung: laboratory investigation (Oshima *et al*), 1108

Rat

- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Iranami *et al*), 1196

Takayasu's arteritis

- extreme arterial blood pressure differentials in a patient with Takayasu's arteritis: clinical report (Meikle and Milne), 868

ASPIRATION, *see under* **COMPLICATIONS**

ASTHMA, *see under* **COMPLICATIONS**

ATRACURIUM, *see under* **NEUROMUSCULAR RELAXANTS**

ATROPINE, *see under* **PARASYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY**

AUDITS, *see under* **ANAESTHESIOLOGY**

AWARENESS, *see under* **ANAESTHESIA; COMPLICATIONS**

BIOASSAY

- do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors?: laboratory investigation (Blaise *et al*), 550

BIOTRANSFORMATION (DRUG)

- neostigmine requirements for reversal of neuromuscular blockade following an infusion of mivacurium (Lessard *et al*), 836

BLOOD**Autologous/Autotransfusion**

- assessment of a new ultrafiltration blood processing system: equipment review (Duffy *et al*), 1204
- hematologic effects of an ultra filtration autotransfusion device: abstract (Robblee *et al*), A50-A
- preoperative autologous donation of 6 units of blood during rh-EPO treatment: brief report (Milbrink *et al*), 1315

Circulation

- arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane (Shimizu *et al*), 1162

Coagulation

- additional dose of aprotinin may improve hemodynamics during postreperfusion period in patients undergoing orthotopic liver transplantation (OLT): abstract (Dobkowski *et al*), A31-B
- aprotinin may affect extubation time after orthotopic liver transplantation: abstract (Dobkowski *et al*), A34-A

- heparin/protamine dosing guided by *in vitro* testing does not reduce blood loss and transfusion in cardiac surgery: abstract (Côté), A9-B
- perioperative thromboelastography and sonoclot analysis in morbidly obese patients (Pivalizza *et al*), 942
- protamine-induced hypotension and bradycardia in a cardiac transplant patient: clinical report (Backman *et al*), 520
- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934

Fibrinolytics

- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934

Filters

- depletion of activated neutrophils by a filter during cardiac valve surgery (Hurst *et al*), 131

Loss

- a cost assessment of intraoperative blood salvage for primary total hip arthroplasty using the COBE BRAT 10 system: abstract (Smith and Crosby), A10-B
- heparin/protamine dosing guided by *in vitro* testing does not reduce blood loss and transfusion in cardiac surgery: abstract (Côté), A9-B
- reduction of intraoperative blood loss by a single dose tranexamic acid: abstract (van der Starre and van Rooyen-Butijn), A6-A
- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934

Platelets

- the importance of sampling site in the measurement of whole blood platelet flow cytometry: abstract (Robblee *et al*), A62-A
- platelet aggregation is impaired during anaesthesia with sevoflurane but not with isoflurane (Hirakata *et al*), 1157

Protamine

- protamine-induced hypotension and bradycardia in a cardiac transplant patient: clinical report (Backman *et al*), 520

Transfusion

- association of mortality with age of blood transfused in septic ICU patients (Purdy *et al*), 1256
- prospective randomized study showed a decrease in red blood cell and fresh frozen plasma transfusion when conjugated estrogen (Premarin) administration is compared to placebo during orthotopic liver transplantation: abstract (Frenette *et al*), A31-A
- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934
- *see also* **BRAIN, Blood flow, Blood volume**

BLOOD PRESSURE

- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140
- haemodynamic effects of hypotension induced by KRN2391 and nicardipine in isoflurane anaesthetized dogs: laboratory investigation (Takeda *et al*), 1002
- propofol inhibits medullary pressor mechanisms in cats: laboratory investigation (Yang *et al*), 775

BRADYCARDIA, see under COMPLICATIONS;**HEART, Transplantation****BRAIN****Blood flow**

- anaesthesia for carotid artery surgery: refresher course outline (Mutch), R90; R96
- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- the effect of spinal anaesthesia on cerebral blood flow in parturients undergoing caesarean section: abstract (Grange *et al*), A15-B
- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008
- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

Blood volume

- the effect of hypocapnia on cerebral blood volume during isoflurane anaesthesia in rabbits with brain tumours: abstract (Craen *et al*), A36-B

Carbon dioxide tension

- cerebral oxygen extraction during intracranial aneurysm surgery: the influence of PaCO₂: abstract (Orlay and Wong), A59-A
- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

Cerebellum

- suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam: laboratory investigation (Miyawaki *et al*), 1301

Cerebrospinal fluid

- a comparison of simple tests to distinguish cerebrospinal fluid from saline (Walker and Brock-Utne), 494
- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929

Emboli

- aortic cannulation is associated with the greatest embolic load in cardiac surgery: abstract (St-Amand *et al*), A63-A

Evoked potentials

- effect of N₂O on cerebellar evoked potentials: abstract (Cowan *et al*), A61-B
- median nerve somatosensory evoked potentials during isoflurane anaesthesia (Porkkala *et al*), 963

Head injury

- opioid sedation does not alter intracranial pressure in head injured patients (Lauer *et al*), 929

Hippocampus

- enhancement of CNS activity by thiopentone: comparison of nocifensive reflex thresholds with hippocampal electroencephalography: abstract (Archer and Roth), A35-A
- pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults: abstract (El-Beheiry *et al*), A61-A

Hypoxia (see HYPOXIA)**Infarction**

- cytokines in human traumatic brain injury: abstract (Reinders *et al*), A37-A

Medulla

- propofol inhibits medullary pressor mechanisms in cats: laboratory investigation (Yang *et al*), 775

Metabolism

- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008

Oxygenation

- cerebral oxygen extraction during intracranial aneurysm surgery: the influence of PaCO₂: abstract (Orlay and Wong), A59-A

Perfusion, retrograde

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096

Protection

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096
- pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults: abstract (El-Beheiry *et al*), A61-A

Thalamus

- lidocaine alters the membrane properties of neurons in the thalamus - the gateway to sensorium: abstract (Schwarz and Puil), A37-B

BRONCHOSCOPY, see under MEASUREMENT TECHNIQUES**BRONCHOSPASMS, see under COMPLICATIONS****BUPIVACAINE, see under ANAESTHETICS, LOCAL****CARBON DIOXIDE**

- cerebral oxygen extraction during intracranial aneurysm surgery: the influence of PaCO₂: abstract (Orlay and Wong), A59-A
- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- CO₂ absorbents do not share the same physical properties: abstract (Diemunsch and Gervais), A50-B
- the effect of hypocapnia on cerebral blood volume during isoflurane anaesthesia in rabbits with brain tumours: abstract (Craen *et al*), A36-B

CARDIAC ARREST, see under HEART**CARDIAC SURGERY, see under ANAESTHESIA****CEREBRAL, see BRAIN****CEREBROSPINAL FLUID, see under BRAIN****CHLOROPROCAINE, see under ANAESTHETICS, LOCAL****CIRCULATION, BLOOD, see under BLOOD****CIS-ATRACURIUM, see under NEUROMUSCULAR RELAXANTS****CIS-CIS ISOMERS, see under NEUROMUSCULAR RELAXANTS****CLONIDINE, see under ANALGESICS; HYPOTHERMIA; PHARMACOLOGY; SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****COAGULATION, see under BLOOD****COCAINE, see under ANAESTHETICS, LOCAL****CODEINE, see under ANALGESICS****COMPLICATIONS****Abdominal compartment syndrome**

- abdominal compartment syndrome: clinical report (Reeves *et al*), 308

Airway bleeding

- negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78

Alzheimer's disease

- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021

Anterior spinal artery syndrome

- spinal artery syndrome masked by postoperative epidural analgesia: clinical report (Linz *et al*), 1178

Aspiration

- airway and respiratory management following non-lethal hanging: continuing medical education (Kaki *et al*), 445

- cricoid pressure: review article (Brimacombe and Berry), 414
- ventilation strategies affect the functional lung injury after aspiration of human breast milk in rabbits: abstract (Swan *et al*), A53-B

Asthma

- the patient with reactive airways disease: refresher course outline (Moudgil), R77; R84

Awareness

- detecting wakefulness in anaesthetised children (Byers and Muir), 486
- intraoperative awareness in cardiac surgery with early extubation anaesthesia: abstract (Dowd *et al*), A8-A

Bleeding

- readmission for bleeding following day care surgery: abstract (Scheeper and Vaghadia), A23-B

Bradycardia

- dose-response to anaesthetic induction with sufentanil: haemodynamic and electroencephalographic effects (Sareen *et al*), 19

Brain-stem anaesthesia

- brainstem anaesthesia after peribulbar anaesthesia: clinical report (Gomez *et al*), 732
- difficult intubation and brain-stem anaesthesia: clinical report (Ananthanarayan *et al*), 658

Bronchospasms

- midazolam reverses histamine-induced bronchoconstriction in dogs: laboratory investigation (Hirota *et al*), 1115

Cardiovascular responses

- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798

Cervical myelopathy

- anterior cervical myelopathy in the early postoperative period: clinical report (Muñoz Corsini *et al*), 872

Chronic renal failure

- continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients: clinical report (Kubota *et al*), 1182

Death

- predictors of hospital mortality in CABG patients undergoing early extubation anaesthesia: abstract (Wong *et al*), A65-B

Embolism

- cardiovascular collapse after femoral prosthesis surgery for acute hip fracture: clinical report (Pietak *et al*), 198
- clinical features and echocardiography of embolism during cemented hip arthroplasty (Lafont *et al*), 112

- oxygen venous embolism after the use of hydrogen peroxide during lumbar discectomy: clinical report (Despond and Fiset), 410
 - relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty: laboratory investigation (Murphy *et al*), 1293
 - venous air embolism during orthotopic liver transplantation in a child: clinical report (Souron *et al*), 1187
- Epidural abscess**
- epidural abscess after combined spinal-epidural block: clinical report (Schröter *et al*), 300
- Fasciculations/Myalgia**
- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498
 - what is the best non-depolarizing relaxant to prevent succinylcholine fasciculations and myalgia?: abstract (Carrier *et al*), A24-A
- Haemoptysis**
- negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78
- Headache**
- continuous spinal anaesthesia using a standard epidural set for extracorporeal shockwave lithotripsy (Shenkman *et al*), 1042
- Hypertension**
- cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients (Fujii *et al*), 1082
 - prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation: brief report (Nishina *et al*), 1211
- Hyperthermia** (*see* HYPERTHERMIA)
- Hypomagnesaemia**
- magnesium deficiency increases ketamine sensitivity in rats: laboratory investigation (Orser *et al*), 883
- Hypotension**
- dose-response to anaesthetic induction with sufentanil: haemodynamic and electroencephalographic effects (Sareen *et al*), 19
- Intraoperative events**
- intraoperative adverse events during ambulatory surgical procedures: abstract (Chung and Mezei), A70-A
 - risk of unanticipated intraoperative events in patients assessed at a preanaesthetic clinic (Lee *et al*), 946
- Myocardial infarction**
- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843
- Nausea and vomiting** (*see* VOMITING)
- Negative pressure pulmonary oedema**
- negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78
- Neurological**
- neuropathies masquerading as an epidural complication: clinical report (Kahn), 313
- Obesity**
- perioperative thromboelastography and sonoclot analysis in morbidly obese patients (Pivalizza *et al*), 942
- Oculocardiac reflex**
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- Paralysis**
- spinal artery syndrome masked by postoperative epidural analgesia: clinical report (Linz *et al*), 1178
- Phaeochromocytoma**
- anaesthesia for phaeochromocytoma in pregnancy: clinical report (Hamilton *et al*), 654
- Postoperative**
- incidence of immediate postoperative complications in neurosurgical patients: abstract (Boyle *et al*), A36-A
- Protamine shock**
- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662
- Pruritus**
- effect of treatment of subarachnoid morphine-induced pruritus on postoperative nausea and vomiting: abstract (Alhashemi *et al*), A18-B
 - treatment of intrathecal morphine-induced pruritus; diphenhydramine *vs* nalbuphine: abstract (Alhashemi *et al*), A25-A
 - treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060
- Pulmonary oedema**
- airway and respiratory management following non-lethal hanging: continuing medical education (Kaki *et al*), 445
- Regurgitation**
- cricoid pressure: review article (Brimacombe and Berry), 414
- Reparalysis**
- postoperative reparalysis after rocuronium following nebulized epinephrine: clinical report (Arndt *et al*), 321
- Respiratory**
- brainstem anaesthesia after peribulbar anaesthesia: clinical report (Gomez *et al*), 732

COMPLICATIONS (*continued*)**Respiratory** (*continued*)

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118

Shivering

- clonidine at induction reduces shivering after general anaesthesia (Buggy *et al*), 263

Smoking

- cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour (Teirä *et al*), 1269

Stroke

- aortic atherosclerotic plaque identified by epiaortic scanning predicts cerebral embolic load in cardiac surgery: abstract (St-Amand *et al*), A7-B
- aortic cannulation is associated with the greatest embolic load in cardiac surgery: abstract (St-Amand *et al*), A63-A

Tachycardia

- cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients (Fujii *et al*), 1082
- prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation: brief report (Nishina *et al*), 1211

Tamponade

- ventricular perforation associated with central venous introducer-dilator systems: clinical report (Porter *et al*), 317

Thrombosis

- recombinant tissue type plasminogen activator treatment of thrombosed mitral valve prosthesis during pregnancy: clinical report (Fleyfel *et al*), 735

Tracheal stenosis

- anaesthesia for tracheal resection - report of 17 cases: clinical report (Magnusson *et al*), 1282
- epidural anaesthesia for ureteral reimplantation in an infant with congenital tracheal stenosis: clinical report (Concha *et al*), 666

Vomiting (*see* VOMITING)**COMPUTERS**

- testing the raters: inter-rater reliability of standardized anaesthesia simulator performance (Devitt *et al*), 924
- the value of the Internet to anaesthetists: occasional review (Oyston and Asch), 439

CONFERENCE REPORTS

- symposium on ergonomics in drug delivery (Orser *et al*), 782

COSTS**Anaesthesia**

- influence of anaesthetic decision making on resource use in major joint replacement: abstract (Orkin), A11-A
- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- patient attitudes regarding PCA and associated costs (Badner *et al*), 255
- pharmacoeconomics of intravenous regional anaesthesia *vs* general anaesthesia for outpatient hand surgery (Chilvers *et al*), 1152

Anaesthesiology education

- the cost for construction and maintenance of a simulation centre: abstract (Kurrek and Devitt), A38-B
- the cost for construction and operation of a simulation centre (Kurrek and Devitt), 1191
- a cost assessment of intraoperative blood salvage for primary total hip arthroplasty using the COBE BRAT 1© system: abstract (Smith and Crosby), A10-B

Recovery

- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825
- "zero tolerance for overtime" increases surgical per case costs (Tessler *et al*), 1036

CRITICAL CARE, *see* INTENSIVE CAREDANTROLENE, *see under* PHARMACOLOGYDESFLURANE, *see under* ANAESTHETICS, VOLATILEDEXTROMEDTOMIDINE, *see under* ANALGESICSDIMENHYDRINATE, *see under* VOMITINGDIPHENHYDRAMINE, *see under* PHARMACOLOGYDOLASETRON, *see under* ANTIEMETICSDOPPLER ULTRASOUND, *see under* MEASUREMENT TECHNIQUES; MONITORINGDROPERIDOL, *see under* ANTIEMETICSDRUGS, *see* PHARMACOLOGYD-TUBOCURARINE, *see under* NEUROMUSCULAR RELAXANTSECHOCARDIOGRAPHY, *see under* HEART; MONITORINGECONOMICS, *see* COSTSEDROPHONIUM, *see under* ANTAGONISTS, Neuromuscular relaxants**EDUCATION**

- cardiac arrest in the OR: how bad are our ACLS skills?: abstract (Kurrek *et al*), A59-B

- the value of the Internet to anaesthetists: occasional review (Oyston and Ascah), 439

Continuing education

- airway and respiratory management following non-lethal hanging: continuing medical education (Kaki *et al*), 445
- an analysis of review articles published in four anaesthesia journals: special article (Smith), 405
- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643

Resident training

- resident attitudes towards problem based learning seminars in anaesthesia: abstract (Spadafora *et al*), A39-B

Simulators

- constructive feedback using simulator vignettes: abstract (Morgan *et al*), A39-A
- the cost for construction and maintenance of a simulation centre: abstract (Kurrek and Devitt), A38-B
- the cost for construction and operation of a simulation centre (Kurrek and Devitt), 1191
- integration of crisis management using simulation-based education into postgraduate training: first year's experience: abstract (Byrick *et al*), A40-B
- stress in Canadian anaesthesia residency training: abstract (Mayson *et al*), A40-A
- videotape feedback in teaching laryngoscopy (Kardash and Tessler), 54

Teaching

- characteristics of good anaesthesia teachers (Cleave-Hogg and Benedict), 587
- teaching and learning in the operating room for the anaesthesia resident: importance of student classroom learning principles: abstract (Shysh and Eagle), A41-B
- teaching and learning in the operating room for the anaesthesia resident: important adult learning principles: abstract (Shysh and Eagle), A41-A
- testing the raters: inter-rater reliability of standardized anaesthesia simulator performance (Devitt *et al*), 924

EICOSANOIDS

- platelet aggregation is impaired during anaesthesia with sevoflurane but not with isoflurane (Hirakata *et al*), 1157

ELECTROENCEPHALOGRAPHY, *see under*

MEASUREMENT TECHNIQUES; MONITORING

ELECTROLYTES

- sorbitol 2.5%/mannitol 0.54% irrigation solution for hysteroscopic endometrial ablation surgery (Moir *et al*), 473

EMBOLISM, *see under* COMPLICATIONS

EMERGENCY ROOM

- anaesthesia and analgesia in the emergency department: refresher course outline (Murphy), R52; R60

EMLA, *see under* ANAESTHETICS, LOCAL

ENDOTHELIUM

- do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors?: laboratory investigation (Blaise *et al*), 550
- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Irazami *et al*), 1196

ENFLURANE, *see under* ANAESTHETICS, VOLATILE

ENZYMES

Age factors

- prolonged mivacurium infusion in young and elderly adults (Goudsouzian *et al*), 955

Creatinine kinase

- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498

Nitric oxide synthase, inducible

- ketamine inhibits nitric oxide synthase in lipopolysaccharide-treated rat alveolar macrophages: laboratory investigation (Li *et al*), 989

Plasma cholinesterase

- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525

Tryptase

- histamine release during cardiopulmonary bypass in neonates and infants (Withington and Aranda), 610

EPIDURAL ANAESTHESIA, *see under* ANAESTHETIC TECHNIQUES

EPINEPHRINE, *see under* SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY

EQUIPMENT

Airway

- la correction du débit en présence d'une fuite entre trachée et sonde endotrachéale: laboratory investigation (Bijaoui *et al*), 216

Autotransfusion

- hematologic effects of an ultra filtration autotransfusion device: abstract (Robblee *et al*), A50-A

Barbados

- anaesthesia in Barbados: special article (Bhavani-Shankar *et al*), 559

Cell saver

- assessment of a new ultrafiltration blood processing system: equipment review (Duffy *et al*), 1204

EQUIPMENT (continued)**Circuits**

- limitations to vital capacity inhalation induction with Ohmeda circle circuit: abstract (Fisher *et al*), A11-B
- priming circle anaesthetic circuits for rapid inhalation induction of anaesthesia: abstract (Fisher *et al*), A12-A

Endotracheal tubes

- la correction du débit en présence d'une fuite entre trachée et sonde endotrachéale: laboratory investigation (Bijaoui *et al*), 216
- taping methods and tape types for securing oral endotracheal tubes: laboratory report (Patel *et al*), 330

Fibreoptic

- laryngeal mask airway facilitated fibreoptic bronchoscopy in infants (Bandla *et al*), 1242

Infusion systems

- recall after total intravenous anaesthesia due to an equipment misuse: clinical report (Tong and Chung), 73

Laryngeal mask airway

- cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients (Fujii *et al*), 1082
- cricoid pressure: review article (Brimacombe and Berry), 414
- laryngeal mask airway facilitated fibreoptic bronchoscopy in infants (Bandla *et al*), 1242
- laryngeal mask airway in severe cervical ankylosis: clinical report (Defalque and Hyder), 305
- limits of laryngeal mask airway in patients after cervical or oral radiotherapy (Giraud *et al*), 1237
- negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78

Laryngoscopes

- the adult Bullard laryngoscope in paediatric patients (Shulman *et al*), 969
- the McCoy levering laryngoscope in patients with limited neck extension: equipment report (Uchida *et al*), 674

Lidocaine tape

- lidocaine tape relieves pain due to needle insertion during stellate ganglion block (Inada *et al*), 259

Lightwand/lighted-stylet

- light-guided retrograde intubation: technical report (Hung and Al-Qatari), 877

Needles

- an *in vitro* study of the contamination susceptibility of three needleless and a standard needle injection systems: abstract (Ho *et al*), A48-B

Pacemakers

- electrocardiographic "pacemaker pseudo-spikes" and radio frequency interference: technical report (Cleland and Crosby), 751

Temperature, warming

- heat conservation vs convective warming in adults undergoing elective surgery: brief report (Patel *et al*), 669

Ultrafiltration

- assessment of a new ultrafiltration blood processing system: equipment review (Duffy *et al*), 1204

Ventilators, volume-controlled

- haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study (Vedrinne *et al*), 354

EVOKED POTENTIALS, see under BRAIN; MONITORING**EXTUBATION, see under INTUBATION, TRACHEAL****FASCICULATIONS, see under COMPLICATIONS****FENTANYL, see under ANAESTHETICS, INTRAVENOUS; ANALGESICS****5-HT₃ ANTAGONISTS, see under ANTIEMETICS****FLUID BALANCE**

- sorbitol 2.5%/mannitol 0.54% irrigation solution for hysteroscopic endometrial ablation surgery (Moir *et al*), 473

FLUMAZENIL, see under ANTAGONISTS**GASES, NON-ANAESTHETIC****Nitric oxide**

- do we have to treat Acute Respiratory Distress Syndrome (ARDS) with inhaled nitric oxide?: abstract (Troncy *et al*), A33-A
- halothane does not attenuate the vasorelaxation induced by a nitric oxide solution: abstract (Blaise *et al*), A45-B
- inhaled nitric oxide: clinical applications, indications, and toxicology: review article (Troncy *et al*), 973
- ketamine inhibits nitric oxide synthase in lipopolysaccharide-treated rat alveolar macrophages: laboratory investigation (Li *et al*), 989
- nitric oxide and related vasodilators: refresher course outline (Young), R23; R29
- volatile anaesthetics attenuate hypocapnia-induced constriction in isolated dog cerebral arteries: laboratory report (Ogawa *et al*), 426

Nitrogen dioxide

- inhaled nitric oxide: clinical applications, indications, and toxicology: review article (Troncy *et al*), 973

GASTROINTESTINAL TRACT

- gastric fluid measurement by blind aspiration in paediatric patients: a gastroscopic evaluation (Cook-Sather *et al*), 168
- gastric fluid volume in infants for pyloromyotomy (Cook-Sather *et al*), 278

GENERAL ANAESTHESIA, see under ANAESTHETIC TECHNIQUES**GLYCOPYRROLATE, see under PARASYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****GRANISETRON, see under ANTIEMETICS****GUANOSINE 3':5'-CYCLIC MONOPHOSPHATE, see under PHARMACOLOGY****GYNAECOLOGICAL SURGERY, see under ANAESTHESIA****HAEMOPTYSIS, see under COMPLICATIONS****HAEMORRHAGE**

- readmission for bleeding following day care surgery: abstract (Scheepers and Vaghadia), A23-B

HALOTHANE, see under ANAESTHETICS, VOLATILE**HEART****Aortic valve**

- patients with aortic stenosis: cardiac complications in non-cardiac surgery: abstract (Raymer and Yang), A3-B

Arrhythmia

- bradycardia produced by pyridostigmine and physostigmine: laboratory investigation (Stein *et al*), 1286
- sevoflurane does not appear to have any effect on SA node function and intraatrial conduction in Wolff-Parkinson-White Syndrome (WPW): abstract (Cuillerier *et al*), A22-B
- sevoflurane does not appear to have electrophysiological effects upon the accessory pathway in Wolff-Parkinson-White (WPW) patients: abstract (Sharpe *et al*), A46-B

Cardiac arrest

- cardiac arrest in the OR: how bad are our ACLS skills?: abstract (Kurrek *et al*), A59-B

Cardiac output

- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202
- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140
- heart rate and cardiac output after atropine in anaesthetised infants and children (McAuliffe *et al*), 154

- the role of the vasculature in regulating venous return and cardiac output: historical and graphical approach: review article (Jacobsohn *et al*), 849

Circulatory arrest

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096

Congenital defects

- histamine release during cardiopulmonary bypass in neonates and infants (Withington and Aranda), 610

Coronary artery disease

- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146

Diagnosis

- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843

Echocardiography/Electrocardiography

- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515

Haemodynamics

- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146

Heart rate

- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202
- haemodynamic comparison of sevoflurane and isoflurane anaesthesia in surgical patients (Inada *et al*), 140

Mitral valve

- recombinant tissue type plasminogen activator treatment of thrombosed mitral valve prosthesis during pregnancy: clinical report (Fleyfel *et al*), 735

Myocardial dysfunction

- concurrent subarachnoid haemorrhage and myocardial injury: clinical report (Raymer and Choi), 515

Myocardial enzyme

- impaired antioxidant defence in guinea pig heart tissues treated with halothane: laboratory investigation (Durak *et al*), 1014

Myocardial infarction

- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? abstract (Chedrawy *et al*), A32-A
- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843

HEART (*continued*)**Myocardial ischaemia**

- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146
- myocardial ischemia in first day surgery patients undergoing coronary artery bypass graft surgery: abstract (Lye *et al*), A65-A
- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843
- the myocardium: refresher course outline (Foëx), R67; R73

Pulmonary hypertension

- relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty: laboratory investigation (Murphy *et al*), 1293

Right ventricular failure

- relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty: laboratory investigation (Murphy *et al*), 1293

Shock

- the role of the vasculature in regulating venous return and cardiac output: historical and graphical approach: review article (Jacobsohn *et al*), 849

Transplantation

- heart rate changes in cardiac transplant patients and in the denervated cat heart after edrophonium (Backman *et al*), 247
- protamine-induced hypotension and bradycardia in a cardiac transplant patient: clinical report (Backman *et al*), 520

Venous return

- the role of the vasculature in regulating venous return and cardiac output: historical and graphical approach: review article (Jacobsohn *et al*), 849

HEROIN, see under ANALGESICS**HIPPOCAMPUS, see under BRAIN****HISTAMINE**

- histamine release during cardiopulmonary bypass in neonates and infants (Withington and Aranda), 610

HISTORY OF ANAESTHESIA

- an emergency pocket drug case of the 1940s (Rao and Welsh), 896
- anaesthesia in Barbados: special article (Bhavani-Shankar *et al*), 559
- stethoscopy during anaesthesia: review article (McIntyre), 535

HYOSCINE, see under PARASYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY**HYPEROXIA, see under OXYGEN****HYPERTENSION, see under COMPLICATIONS****HYPERTHERMIA**

- clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold (Nicolaou *et al*), 636
- comparison of distal oesophageal temperature with "deep" and tracheal temperatures: clinical measurement (Matsukawa *et al*), 433
- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662

Malignant

- clinical reassessment of malignant hyperthermia in Abitibi-Témiscamingue (Bachand *et al*), 696
- metabolic events with spontaneous malignant hyperthermia crisis in an anaesthetized pig: laboratory investigation (Kozak-Ribbens *et al*), 757

HYPNOTICS**Benzodiazepines**

- premedication with midazolam is more effective by the sublingual than oral route (Lim *et al*), 723

Midazolam

- midazolam reverses histamine-induced bronchoconstriction in dogs: laboratory investigation (Hirota *et al*), 1115
- premedication with midazolam is more effective by the sublingual than oral route (Lim *et al*), 723
- spinal anaesthesia with midazolam in the rat: laboratory investigation (Bahar *et al*), 208

HYPOCAPNIA, see under CARBON DIOXIDE**HYPOMAGNEAEMIA, see under COMPLICATIONS****HYPOTENSION, see under ANAESTHETIC TECHNIQUES; BLOOD PRESSURE; COMPLICATIONS; PROTAMINE****HYPOTHERMIA**

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096
- clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold (Nicolaou *et al*), 636
- heat conservation *vs* convective warming in adults undergoing elective surgery: brief report (Patel *et al*), 669

HYPOXIA

- cerebral hypoxia during cardiopulmonary bypass: a magnetic resonance imaging study: abstract (Wong *et al*), A24-B
- loss of consciousness and hypoxemia in patients during sedation for digestive endoscopy: abstract (DeLima *et al*), A71-B
- pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults: abstract (El-Beheiry *et al*), A61-A

IMMUNE RESPONSE

- cytokines in human traumatic brain injury: abstract (Reinders *et al*), A37-A
- enhanced spontaneous antibody response after coronary artery bypass surgery (Salo *et al*), 617
- plasma levels of endothelin-like immunoreactivity during coronary bypass: abstract (Yang *et al*), A6-B

INFARCTION, see under BRAIN; HEART, Myocardial infarction**INFECTION**

- an *in vitro* study of the contamination susceptibility of three needleless and a standard needle injection systems: abstract (Ho *et al*), A48-B
- septic shock: review article (Baxter), 59

INFLAMMATION

- interleukin-10 and interleukin-1 receptor antagonists increase during cardiac surgery (Kawamura *et al*), 38

INTENSIVE CARE

- haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study (Vedrinne *et al*), 354
- increased cis-atracurium requirements during prolonged administration to a child: clinical report (Tobias), 82

Length of stay

- early extubation does not reduce ICU length of stay in cardiac surgery patients: abstract (Wood and Heyland), A5-A

Neonatal

- la correction du débit en présence d'une fuite entre trachée et sonde endotrachéale: laboratory investigation (Bijaoui *et al*), 216

Obstetric

- critical care management of the obstetric patient: occasional review (Lapinsky *et al*), 325
- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843

Sedation

- sedation, analgesia and muscle relaxation and the critically ill patient: refresher course outline (Park), R40; R46

Sepsis

- association of mortality with age of blood transfused in septic ICU patients (Purdy *et al*), 1256
- septic shock: review article (Baxter), 59

Ventilation

- attitudes and beliefs regarding O₂ therapy in mechanically ventilated patients in the ICU - a Canada-wide survey: abstract (Kavanagh and Ngo), A3-A

INTERACTIONS, DRUG, see under PHARMACOLOGY**INTUBATION, TRACHEAL****Complications**

- hypertensive response to intubation. Do researchers acknowledge previous work? (Smith and Goodman), 9
- limits of laryngeal mask airway in patients after cervical or oral radiotherapy (Giraud *et al*), 1237
- reduction in post-intubation respiratory resistance by isoflurane and albuterol (Choi *et al*), 717
- cricoid pressure: review article (Brimacombe and Berry), 414

Difficult

- difficult intubation and brain-stem anaesthesia: clinical report (Ananthanarayan *et al*), 658
- has the practice of airway management changed?: abstract (Rose and Cohen), A51-B
- laryngeal mask airway in severe cervical ankylosis: clinical report (Defalque and Hyder), 305
- limits of laryngeal mask airway in patients after cervical or oral radiotherapy (Giraud *et al*), 1237
- a multifactorial risk index for predicting difficult tracheal intubations: abstract (Karkouli *et al*), A52-A
- effects of superior laryngeal nerve block on heart rate and blood pressure responses to endotracheal intubation: abstract (Alhashemi *et al*), A4-B

Extubation

- cardiovascular responses to tracheal extubation or LMA removal in normotensive and hypertensive patients (Fujii *et al*), 1082
- early extubation does not reduce ICU length of stay in cardiac surgery patients: abstract (Wood and Heyland), A5-A
- predictors of prolonged extubation time (EXT) in CABG patients undergoing early extubation anaesthesia: abstract (Chen *et al*), A9-A
- prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation: brief report (Nishina *et al*), 1211

Fibreoptic

- anticholinergics improve fibreoptic intubating conditions during general anaesthesia (Brookman *et al*), 165
- intubating conditions and neuromuscular block after divided dose mivacurium or single dose rocuronium (Patel *et al*), 49

Lightwand/retrograde

- light-guided retrograde intubation: technical report (Hung and Al-Qatari), 877
- morbidity outcome in patients undergoing cardiac septal myectomy - early extubation anaesthesia (EEA) vs high dose narcotic (HDN) anaesthesia: abstract (Cregg *et al*), A8-B

INTUBATION, TRACHEAL (*continued*)**Technique**

- the adult Bullard laryngoscope in paediatric patients (Shulman *et al*), 969
- effects of nebulized lidocaine on the hyperdynamic response to tracheal intubation: abstract (Alhashemi *et al*), A4-A
- light-guided retrograde intubation: technical report (Hung and Al-Qatari), 877
- the McCoy levering laryngoscope in patients with limited neck extension: equipment report (Uchida *et al*), 674
- videotape feedback in teaching laryngoscopy (Kardash and Tessler), 54

- *see also* **EQUIPMENT**, Laryngeal mask airway

IONS

- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498
- magnesium deficiency increases ketamine sensitivity in rats: laboratory investigation (Orser *et al*), 883

IPRATROPIUM, *see under* **PARASYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****ISAACS' SYNDROME**, *see under* **SYNDROMES****ISCHEMIA**, *see under* **HEART****ISOFLURANE**, *see under* **ANAESTHETICS, VOLATILE****KETAMINE**, *see under* **ANAESTHETICS, INTRAVENOUS; ANALGESICS****KETOPROFEN**, *see under* **ANALGESICS****KETOROLAC**, *see under* **ANALGESICS****KIDNEY**

- hyperoxia alters the urinary organic acid excretion of mice: abstract (Snedden *et al*), A33-B
- onset of vecuronium neuromuscular blockade at the hand with an arterio-venous shunt: brief report (Iwasaki *et al*), 1208

LARYNGEAL MASK AIRWAY, *see under* **EQUIPMENT****LARYNGOSCOPES**, *see under* **EQUIPMENT****LARYNX**

- negative pressure induced airway and pulmonary injury: clinical report (Bhavani-Shankar *et al*), 78

LEGAL ISSUES, CONSENT

- epidural analgesia for labour and delivery: informed consent issues (Pattee *et al*), 918

LEIGH'S SYNDROME, *see under* **SYNDROMES****LEUKOCYTES**, *see under* **BLOOD****LIDOCAINE**, *see under* **ANAESTHETICS, LOCAL; ANALGESICS; PHARMACOLOGY****LIVER, TRANSPLANTATION**

- additional dose of aprotinin may improve hemodynamics during postreperfusion period in patients

undergoing orthotopic liver transplantation (OLT):

abstract (Dobkowski *et al*), A31-B

- aprotinin may affect extubation time after orthotopic liver transplantation: abstract (Dobkowski *et al*), A34-A
- prospective randomized study showed a decrease in red blood cell and fresh frozen plasma transfusion when conjugated estrogen (Premarin) administration is compared to placebo during orthotopic liver transplantation: abstract (Frenette *et al*), A-31A
- venous air embolism during orthotopic liver transplantation in a child: clinical report (Souron *et al*), 1187

LOCAL ANAESTHESIA, *see under* **ANAESTHETIC TECHNIQUES****LUNG****Acute respiratory distress syndrome**

- do we have to treat Acute Respiratory Distress Syndrome (ARDS) with inhaled nitric oxide?: abstract (Troncy *et al*), A33-A

Bronchus

- midazolam reverses histamine-induced bronchoconstriction in dogs: laboratory investigation (Hirota *et al*), 1115

Function

- the effect of antihypertensive agents on oxygenation following cardiac surgery: abstract (Wood), A62-B
- impaired gas exchange is not predicted by haemodynamics in experimental porcine pleural effusion - a pilot study: abstract (Nichida *et al*), A34-B
- respiratory effects of repeated pulmonary administration of liposome-encapsulated fentanyl (LEF) in healthy volunteers: abstract (Hung *et al*), A48-A

Perfused lung

- isoflurane inhibits endothelium-mediated nitric oxide relaxing pathways in the isolated perfused rabbit lung: laboratory investigation (Oshima *et al*), 1108

Reactive airways disease

- the patient with reactive airways disease: refresher course outline (Moudgil), R77; R84

Respiratory depression

- comparison of lorazepam alone vs lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146

Respiratory failure

- treatment of acute respiratory failure by prolonged non-invasive ventilation in a child: clinical report (Marino *et al*), 727

Respiratory resistance

- reduction in post-intubation respiratory resistance by isoflurane and albuterol (Choi *et al*), 717

Transplantation

- anaesthesia for patients after lung transplantation: review article (Haddow), 182
- perioperative anaesthetic considerations for patients undergoing lung transplantation: review article (Singh and Bossard), 284

MAC (MINIMUM ALVEOLAR CONCENTRATION)

- intrathecal neurokinin-1 receptor antagonist reduces isoflurane MAC in rats: laboratory investigation (Ishizaki *et al*), 543

MAGNETIC RESONANCE IMAGING, see under MEASUREMENT TECHNIQUES**MANPOWER**

- anaesthesia in Barbados: special article (Bhavani-Shankar *et al*), 559

MEASUREMENT TECHNIQUES**Blood flow, cerebral**

- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160
- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008

Blood pressure

- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202

Bronchoscopy

- midazolam reverses histamine-induced bronchoconstriction in dogs: laboratory investigation (Hirota *et al*), 1115

Cardiac output

- cardiac output estimation by visual inspection *vs* thermodilution during cardiac surgery (Aye *et al*), 126
- cardiac performance during unilateral lumbar spinal block after crystalloid preload (Casati *et al*), 623
- chronic cocaine administration does not modify haemodynamic responses to isoflurane anaesthesia in sheep: laboratory investigation (Bernards *et al*), 202

Cerebral metabolic rate for oxygen

- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008

Doppler ultrasound, transcranial

- cerebrovascular CO₂ reactivity in elderly and younger adult patients during sevoflurane anaesthesia (Nishiyama *et al*), 160

Echocardiography

- haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study (Vedrinne *et al*), 354

Electroencephalography

- cerebral protection using retrograde cerebral perfusion during hypothermic circulatory arrest: preliminary report (Shenkman *et al*), 1096

Electromyography

- intubating conditions and neuromuscular block after divided dose mivacurium or single dose rocuronium (Patel *et al*), 49

Evoked responses

- cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour (Teiriä *et al*), 1269
- spinal somatosensory evoked potentials after epidural isoproterenol in awake sheep: laboratory report (Marcus *et al*), 85

Magnetic resonance imaging/spectroscopy

- cerebral hypoxia during cardiopulmonary bypass: a magnetic resonance imaging study: abstract (Wong *et al*), A24-B
- metabolic events with spontaneous malignant hyperthermia crisis in an anesthetized pig: laboratory investigation (Kozak-Ribbens *et al*), 757

Neuromuscular blockade

- comparison of neuromuscular blockade on the thumb and on the big toe after administration of rocuronium: abstract (Deladrière *et al*), A47-A

Ultrasound M-mode, spirometry

- non-invasive quantification of diaphragm kinetics using m-mode sonography: measurement technique (Ayoub *et al*), 739

MEPERIDINE, see under ANALGESICS**METABOLISM**

- anaesthetic management of a patient with Leigh's syndrome: clinical report (Shenkman *et al*), 1091
- impaired antioxidant defence in guinea pig heart tissues treated with halothane: laboratory investigation (Durak *et al*), 1014
- oral clonidine premedication decreases energy expenditure in human volunteers (Takahashi *et al*), 268

METOCLOPRAMIDE, see under ANTIEMETICS**MIDAZOLAM, see under ANAESTHETICS, INTRAVENOUS; ANAESTHETICS, LOCAL; HYPNOTICS****MIVACURIUM, see under NEUROMUSCULAR RELAXANTS****MONITORING****Aortic blood flow**

- continuous oesophageal aortic blood flow echo-Doppler measurement during general anaesthesia

MONITORING (*continued*)**Aortic blood flow** (*continued*)

in infants: measurement technique (Gueugniaud *et al*), 745

Blood pressure

- extreme arterial blood pressure differentials in a patient with Takayasu's arteritis: clinical report (Meikle and Milne), 868

Central venous pressure

- ventricular perforation associated with central venous introducer-dilator systems: clinical report (Porter *et al*), 317

Echocardiography, transoesophageal

- clinical features and echocardiography of embolism during cemented hip arthroplasty (Lafont *et al*), 112
- haemodynamic effects of mechanical peritoneal retraction during laparoscopic cholecystectomy (Couture *et al*), 467
- relationship of fat embolism to haemodynamic and echocardiographic changes during cemented arthroplasty: laboratory investigation (Murphy *et al*), 1293

Echo-Doppler

- continuous oesophageal aortic blood flow echo-Doppler measurement during general anaesthesia in infants: measurement technique (Gueugniaud *et al*), 745

Electrocardiography

- postoperative elevation of creatine kinase (CK-MB): does it contribute to diagnosis of myocardial infarction? (Chedrawy *et al*), 843

Electroencephalography, burst-suppression

- median nerve somatosensory evoked potentials during isoflurane anaesthesia (Porkkala *et al*), 963

Evoked potentials

- comparison of cerebral oximeter and evoked potential monitoring in carotid endarterectomy (Duffy *et al*), 1077

Neuromuscular blockade

- monitoring orbicularis oculi predicts good intubating conditions after vecuronium in children (Plaud *et al*), 712

Oximetry

- comparison of cerebral oximeter and evoked potential monitoring in carotid endarterectomy (Duffy *et al*), 1077

Radiofrequency interference

- electrocardiographic "pacemaker pseudo-spikes" and radio frequency interference: technical report (Cleland and Crosby), 751

Stethoscope

- stethoscopy during anaesthesia: review article (McIntyre), 535

Thromboelastography

- perioperative thromboelastography and sonoclot analysis in morbidly obese patients (Pivalizza *et al*), 942

Train-of-four, double burst stimulation

- train-of-four and double burst stimulation fade at the great toe and thumb (Saitoh *et al*), 390

MORPHINE, see under ANALGESICS**MUSCLES**

- metabolic events with spontaneous malignant hyperthermia crisis in an anaesthetized pig: laboratory investigation (Kozak-Ribbens *et al*), 757
- monitoring orbicularis oculi predicts good intubating conditions after vecuronium in children (Plaud *et al*), 712
- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021
- train-of-four and double burst stimulation fade at the great toe and thumb (Saitoh *et al*), 390

MUSIC

- music enhances patient controlled sedation for monitored anaesthesia care: abstract (Curran *et al*), A72-B
- music increases satisfaction in elderly outpatients undergoing cataract surgery (Cruise *et al*), 43

MYALGIA, see under COMPLICATIONS**MYOCARDIAL, see under HEART****MYOCARDIUM**

- the myocardium: refresher course outline (Foëx), R67; R73

NAFAMOSTAT MESILATE, see under PHARMACOLOGY**NALBUPHINE, see under PHARMACOLOGY****NAUSEA, see VOMITING****NEOSTIGMINE, see under ANTAGONISTS,****Neuromuscular relaxants****NERVE BLOCK, see under ANAESTHETIC TECHNIQUES****NEUROMUSCULAR BLOCKADE, see under MEASUREMENT TECHNIQUES; MONITORING NEUROMUSCULAR RELAXANTS****Atracurium**

- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498

cis-atracurium

- increased cis-atracurium requirements during prolonged administration to a child: clinical report (Tobias), 82
- a randomized double-blind study evaluating the haemodynamic effects of two doses of cis-atracurium to vecuronium in patients undergoing CABG

during O₂/sufentanil/propofol anaesthesia: abstract (Searle *et al*), A64-B

cis-cis isomers

- prolonged mivacurium infusion in young and elderly adults (Goudsouzian *et al*), 955

d-tubocurarine

- comparison of rocuronium and *d*-tubocurarine for prevention of succinylcholine-induced fasciculations and myalgia (Demers-Pelletier *et al*), 1144

Intensive care unit

- sedation, analgesia and muscle relaxation and the critically ill patient: refresher course outline (Park), R40; R46

Mivacurium

- intubating conditions and neuromuscular block after divided dose mivacurium or single dose rocuronium (Patel *et al*), 49
- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525
- neostigmine requirements for reversal of neuromuscular blockade following an infusion of mivacurium (Lessard *et al*), 836
- prolonged mivacurium infusion in young and elderly adults (Goudsouzian *et al*), 955

ORG 9487

- comparison of vecuronium with ORG 9487 and their interaction (Schiere *et al*), 1138

Pancuronium

- residual neuromuscular blockade after cardiac surgery: pancuronium *vs* rocuronium: brief report (McEwin *et al*), 891

Remifentanil

- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525

Residual block

- residual neuromuscular blockade after cardiac surgery: pancuronium *vs* rocuronium: brief report (McEwin *et al*), 891

Rocuronium

- comparison of neuromuscular blockade on the thumb and on the big toe after administration of rocuronium: abstract (Deladrière *et al*), A47-A
- comparison of rocuronium and *d*-tubocurarine for prevention of succinylcholine-induced fasciculations and myalgia (Demers-Pelletier *et al*), 1144
- intubating conditions and neuromuscular block after divided dose mivacurium or single dose rocuronium (Patel *et al*), 49
- postoperative rep paralysis after rocuronium following nebulized epinephrine: clinical report (Arndt *et al*), 321

- residual neuromuscular blockade after cardiac surgery: pancuronium *vs* rocuronium: brief report (McEwin *et al*), 891
- rocuronium prevents succinylcholine-induced fasciculations (Motamed *et al*), 1262

Succinylcholine

- comparison of rocuronium and *d*-tubocurarine for prevention of succinylcholine-induced fasciculations and myalgia (Demers-Pelletier *et al*), 1144
- fasciculations, myalgia and biochemical changes following succinylcholine with atracurium and lidocaine pretreatment (Raman and San), 498
- natural inhibitors of cholinesterases: implications for adverse drug reactions: medical intelligence (Krasowski *et al*), 525
- rocuronium prevents succinylcholine-induced fasciculations (Motamed *et al*), 1262
- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021
- what is the best non-depolarizing relaxant to prevent succinylcholine fasciculations and myalgia?: abstract (Carrier *et al*), A24-A

Vecuronium

- comparison of vecuronium with ORG 9487 and their interaction (Schiere *et al*), 1138
- monitoring orbicularis oculi predicts good intubating conditions after vecuronium in children (Plaud *et al*), 712
- onset of vecuronium neuromuscular blockade at the hand with an arterio-venous shunt: brief report (Iwasaki *et al*), 1208
- a randomized double-blind study evaluating the haemodynamic effects of two doses of cis-atracurium to vecuronium in patients undergoing CABG during O₂/sufentanil/propofol anaesthesia: abstract (Searle *et al*), A64-B
- train-of-four and double burst stimulation fade at the great toe and thumb (Saitoh *et al*), 390
- *see also* ANTAGONISTS, Neuromuscular relaxants

NEUROSURGERY, *see under* ANAESTHESIA

NICARDIPINE, *see under* PHARMACOLOGY

NITRIC OXIDE, *see under* GASES, NON-ANAESTHETIC

NITROGEN DIOXIDE, *see under* GASES, NON-ANAESTHETIC

NITROUS OXIDE, *see under* ANAESTHETICS, GASES

NOREPINEPHRINE, *see under* SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY

NSAIDS, *see under* ANALGESICS

OBESITY, *see under* COMPLICATIONS

OBSTETRIC SURGERY, see under ANAESTHESIA**ONDANSETRON, see under ANTIEMETICS****OPERATING ROOMS**

- survey of operating room staff concerning air contamination and other hazards: abstract (Lacey and LeDez), A10-A
- "zero tolerance for overtime" increases surgical per case costs (Tessler *et al*), 1036

OPHTHALMOLOGICAL SURGERY, see under ANAESTHESIA**ORTHOPAEDIC SURGERY, see under ANAESTHESIA****OXYGEN****Hyperoxia**

- hyperoxia alters the urinary organic acid excretion of mice: abstract (Snedden *et al*), A33-B

Intensive care unit

- attitudes and beliefs regarding O₂ therapy in mechanically ventilated patients in the ICU - a Canada-wide survey: abstract (Kavanagh and Ngo), A3-A

Monitoring

- loss of consciousness and hypoxemia in patients during sedation for digestive endoscopy: abstract (DeLima *et al*), A71-B

Tension

- the effect of antihypertensive agents on oxygenation following cardiac surgery: abstract (Wood), A62-B
- effect of head-up position on speed of arterial haemoglobin oxygen desaturation at induction of general anaesthesia: abstract (Mashava and Chinyanga), A49-A

PAEDIATRIC SURGERY, see under ANAESTHESIA**PAIN**

- alpha-2 adrenergic agonists: refresher course outline (Maze), R13; R19

Chronic

- labour pain management in a parturient with an implanted intrathecal pump: clinical report (Tarshis *et al*), 1278
- a retrospective review of the efficacy of intra-pleural local anaesthetic injections via an indwelling catheter in the treatment of chronic thoracic pain: abstract (Vishnubala and Reid), A17-A

Neuropathic

- the use of an intravenous lidocaine test to predict the response to antineuropathic medications. A retrospective review: abstract (Shetty and Reid), A17-B

Nocifensive reflexes

- nocifensive reflex thresholds in rats: measures of central nervous system effects of barbiturates: laboratory investigation (Archer *et al*), 765

Postoperative

- acute pain: guidelines for care: refresher course outline (Sandler), R137; R142
- bupivacaine decreases epidural meperidine requirements after abdominal surgery (St-Onge *et al*), 360
- dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery: brief report (Mikawa *et al*), 95
- the efficacy of intramuscular (IM) codeine for post-craniotomy pain: abstract (Williams *et al*), A28-B
- patient attitudes regarding PCA and associated costs (Badner *et al*), 255
- peri-operative multi-modal pain therapy for Caesarean section: analgesia and fitness for discharge (Rosaeg *et al*), 803
- postoperative pain management with IV sufentanil PCA: a prospective open study: abstract (De Kock *et al*), A18-A
- transdermal fentanyl system plus *im* ketorolac for the treatment of postoperative pain (Reinhart *et al*), 377

PANCURONIUM, see under NEUROMUSCULAR RELAXANTS**PARASYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****Atropine**

- heart rate and cardiac output after atropine in anaesthetised infants and children (McAuliffe *et al*), 154

Glycopyrrolate/Hyoscine

- anticholinergics improve fiberoptic intubating conditions during general anaesthesia (Brookman *et al*), 165

Ipratropium

- effects of inhaled salbutamol and ipratropium bromide on autonomic control of the cardiovascular system: abstract (Dagnone and Parlow), A45-A
- see also PHARMACOLOGY

PATIENT-CONTROLLED ANALGESIA, see under ANAESTHETICS, INTRAVENOUS; ANALGESIA**PAYMENT, PHYSICIANS'**

- does the method of payment affect anaesthetic practice? An evaluation of an Alternate Payment Plan: health care research (Duncan and Ballantyne), 503

PENTOBARBITONE, see under ANAESTHETICS, INTRAVENOUS**PETHIDINE, see under ANALGESICS****PHARMACOKINETICS**

- cigarette smoking does not affect thiopentone pharmacodynamic or pharmacokinetic behaviour (Teiriä *et al*), 1269

- low and minimal flow inhalational anaesthesia: continuing medical education (Baxter), 643
- pharmacokinetics of multiple doses of inhaled liposome-encapsulated fentanyl (LEF) in healthy volunteers: abstract (Hung *et al*), A47-B
- pharmacokinetics of sufentanil in patients undergoing coronary artery bypass grafting: abstract (Henderson *et al*), A63-B

Plasma levels

- prolonged mivacurium infusion in young and elderly adults (Goudsouzian *et al*), 955
- serum concentrations of lignocaine and pain relief after intraperitoneal administration during hysterectomy: abstract (Williamson and Smith), A66-A

PHARMACOLOGY

Acetylcholine

- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Iranami *et al*), 1196

Anticonvulsants

- pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults: abstract (El-Beheiry *et al*), A61-A

Aprotinin

- additional dose of aprotinin may improve hemodynamics during postreperfusion period in patients undergoing orthotopic liver transplantation (OLT): abstract (Dobkowski *et al*), A31-B
- aprotinin may affect extubation time after orthotopic liver transplantation: abstract (Dobkowski *et al*), A34-A

Calcium channel blocker, nicardipine

- haemodynamic effects of hypotension induced by KRN2391 and nicardipine in isoflurane anaesthetized dogs: laboratory investigation (Takeda *et al*), 1002

Clonidine

- clonidine at induction reduces shivering after general anaesthesia (Buggy *et al*), 263

Dantrolene

- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662

Diphenhydramine

- treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060
- discontinuing drugs before surgery: refresher course outline (Doak), R112; R118

Drug delivery

- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707

Granisetron

- prophylactic antiemetic efficacy of granisetron in patients with and without previous postoperative emesis (Fujii *et al*), 273

Guanosine 3':5'-cyclic monophosphate (cGMP)

- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Iranami *et al*), 1196
- suppression of cyclic guanosine monophosphate formation in rat cerebellar slices by propofol, ketamine and midazolam: laboratory investigation (Miyawaki *et al*), 1301

Immunosuppression

- anaesthesia for patients after lung transplantation: review article (Haddow), 182

Interactions, drug

- comparison of rocuronium and *d*-tubocurarine for prevention of succinylcholine-induced fasciculations and myalgia (Demers-Pelletier *et al*), 1144
- comparison of vecuronium with ORG 9487 and their interaction (Schiere *et al*), 1138
- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021

Lidocaine

- prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation: brief report (Nishina *et al*), 1211

Liposome

- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707

Nafamostat mesilate

- continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients: clinical report (Kubota *et al*), 1182

Nalbuphine

- treatment of intrathecal morphine-induced pruritus following Caesarean section: nalbuphine *vs* diphenhydramine (Alhashemi *et al*), 1060

Nicardipine

- interactions between nicardipine and enflurane, isoflurane, and sevoflurane (Nishiyama *et al*), 1071

Nitric oxide (see under GASES, NON-ANAESTHETIC)

Pharmacodynamics

- comparison of vecuronium with ORG 9487 and their interaction (Schiere *et al*), 1138

Phenyloin

- pretreatment of hippocampal slices with a novel diphenyl hydantoin (dilantin) derivative protects synaptic transmission after brief anoxic insults: abstract (El-Beheiry *et al*), A61-A

PHARMACOLOGY (*continued*)**Potassium channel inhibitor**

- halothane inhibition of acetylcholine-induced relaxation in rat mesenteric artery and aorta: laboratory report (Iranami *et al*), 1196

Potassium channel opener, KRN2391

- haemodynamic effects of hypotension induced by KRN2391 and nicardipine in isoflurane anaesthetized dogs: laboratory investigation (Takeda *et al*), 1002

Prostaglandin E1

- prostaglandin E1, lidocaine, and prostaglandin E1-lidocaine combination for attenuating cardiovascular responses to extubation: brief report (Nishina *et al*), 1211

Protamine

- hyperthermia after cardiac surgery: clinical report (Abe *et al*), 662

Succinylcholine

- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021

Tacrine

- tacrine does not alter the potency of succinylcholine in the rat: laboratory investigation (Ibebunjo *et al*), 1021

Tranexamic acid

- reduction of intraoperative blood loss by a single dose tranexamic acid: abstract (van der Starre and van Rooyen-Butijn), A6-A
- tranexamic acid reduces blood loss and transfusion in reoperative cardiac surgery (Dryden *et al*), 934
- *see also* PARASYMPATHETIC NERVOUS SYSTEM; SYMPATHETIC NERVOUS SYSTEM

PHENYLOIN, see under PHARMACOLOGY**PHYSOSTIGMINE, see under ANTAGONISTS,****Neuromuscular relaxants****PLACENTA**

- sufentanil transfer in the human placenta during *in vitro* perfusion: laboratory investigation (Krishna *et al*), 996

POSITION

- effect of head-up position on speed of arterial haemoglobin oxygen desaturation at induction of general anaesthesia: abstract (Mashava and Chinyanga), A49-A
- oxygen venous embolism after the use of hydrogen peroxide during lumbar discectomy: clinical report (Despond and Fiset), 410

POST ANAESTHETIC CARE UNIT (PACU)

- nursing workload and PACU complications: abstract (Rose *et al*), A51-1

POTENCY OF ANAESTHETICS, see under ANAESTHESIA**PRACTICE MANAGEMENT**

- does the method of payment affect anaesthetic practice? An evaluation of an Alternate Payment Plan: health care research (Duncan and Ballantyne), 503

PREGNANCY

- anaesthesia for pheochromocytoma in pregnancy: clinical report (Hamilton *et al*), 654
- critical care management of the obstetric patient: occasional review (Lapinsky *et al*), 325

PREMEDICATION

- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146
- oral clonidine premedication decreases energy expenditure in human volunteers (Takahashi *et al*), 268
- premedication with midazolam is more effective by the sublingual than oral route (Lim *et al*), 723

PREOPERATIVE ASSESSMENTS

- anesthesia preadmission assessment - a new approach through use of a screening tool: abstract (Badner *et al*), A70-B
- a model of community based, preadmission management for elective surgical patients: brief report (Shearer *et al*), 1311
- risk of unanticipated intraoperative events in patients assessed at a preanaesthetic clinic (Lee *et al*), 946

PRILOCAINE, see under ANAESTHETICS, LOCAL**PROPACETAMOL, see under ANALGESICS****PROPOFOL, see under ANAESTHETICS, INTRAVENOUS; RECOVERY****PROSTAGLANDIN E1, see under PHARMACOLOGY****PROTAMINE**

- protamine-induced hypotension and bradycardia in a cardiac transplant patient: clinical report (Backman *et al*), 520

- see also under PHARMACOLOGY**PRURITUS, see under COMPLICATIONS****PUBLICATIONS****Anaesthesia review articles**

- an analysis of review articles published in four anaesthesia journals: special article (Smith), 405
- anaesthesia for patients after lung transplantation: review article (Haddow), 182
- cricoid pressure: review article (Brimacombe and Berry), 414
- perioperative anaesthetic considerations for patients undergoing lung transplantation: review article (Singh and Bossard), 284
- septic shock: review article (Baxter), 59
- stethoscopy during anaesthesia: review article (McIntyre), 535
- hypertensive response to intubation. Do researchers acknowledge previous work? (Smith and Goodman), 9

- quality and retrieval of obstetrical anaesthesia randomized controlled trials (Bender *et al*), 14

PULMONARY OEDEMA, see under COMPLICATIONS**PYRIDOSTIGMINE, see under ANTAGONISTS, Neuromuscular relaxants****RANDOMIZED CONTROLLED TRIALS**

- comparison of lorazepam alone *vs* lorazepam, morphine, and perphenazine for cardiac premedication (Saccomanno *et al*), 146
- double-blind comparison of epidural ropivacaine 0.25% and bupivacaine 0.25%, for the relief of child-birth pain (Muir *et al*), 599
- intravenous dolasetron mesilate ameliorates postoperative nausea and vomiting (Diemunsch *et al*), 173
- lidocaine tape relieves pain due to needle insertion during stellate ganglion block (Inada *et al*), 259
- quality and retrieval of obstetrical anaesthesia randomized controlled trials (Bender *et al*), 14

RECEPTORS, NMDA

- magnesium deficiency increases ketamine sensitivity in rats: laboratory investigation (Orser *et al*), 883

RECORDS, ANAESTHESIA

- peaks and valleys of anaesthetic charting: abstract (Devitt *et al*), A49-B

RECOVERY

- comparison of recovery following prophylactic ondansetron, dimenhydrinate and placebo in outpatient laparoscopy: abstract (Moote *et al*), A73-A
- nursing workload and PACU complications: abstract (Rose *et al*), A51-1
- recovery characteristics of sevoflurane and propofol after ambulatory urological surgery in children: abstract (Guard *et al*), A53-A

REGIONAL ANAESTHESIA, see under ANAESTHETIC TECHNIQUES**RELAXATION**

- do enflurane and isoflurane interfere with the release, action, or stability of endothelium-derived relaxing factors?: laboratory investigation (Blaise *et al*), 550

REMIFENTANIL, see under ANALGESICS; NEUROMUSCULAR RELAXANTS**RESEARCH**

- does the method of payment affect anaesthetic practice? An evaluation of an Alternate Payment Plan: health care research (Duncan and Ballantyne), 503

RESIDENTS, TRAINING, see EDUCATION**RESPIRATION, RESPIRATORY, see under COMPLICATIONS; LUNG; VENTILATION****ROCURONIUM, see under NEUROMUSCULAR RELAXANTS****ROPIVACAINE, see under ANAESTHETICS, LOCAL****SALBUTAMOL, see under SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****SEDATION**

- propofol or midazolam for sedation and early extubation following cardiac surgery (Searle *et al*), 629

SEVOFLURANE, see under ANAESTHETICS, VOLATILE**SHOCK**

- the role of the vasculature in regulating venous return and cardiac output: historical and graphical approach: review article (Jacobsohn *et al*), 849
- septic shock: review article (Baxter), 59

SIMULATIONS, see under EDUCATION**SPINAL ANAESTHESIA, see under ANAESTHETIC TECHNIQUES****SPINAL CORD**

- a comparison of simple tests to distinguish cerebrospinal fluid from saline (Walker and Brock-Utne), 494
- spinal artery syndrome masked by postoperative epidural analgesia: clinical report (Linz *et al*), 1178

STATISTICS

- quality and retrieval of obstetrical anaesthesia randomized controlled trials (Bender *et al*), 14
- the relationship between methodologic quality and effect size: implications for meta-analyses: abstract (Halpern and Gnanendran), A66-B

STROKES, see under COMPLICATIONS**SUCCINYLCHOLINE, see under NEUROMUSCULAR RELAXANTS****SUFENTANIL, see under ANAESTHETICS, INTRAVENOUS; ANALGESICS****SURGERY, ANAESTHESIA FOR, see different types of surgery under ANAESTHESIA****SYMPATHETIC NERVOUS SYSTEM, PHARMACOLOGY****A₂-adrenergic agonists**

- oral clonidine premedication decreases energy expenditure in human volunteers (Takahashi *et al*), 268

Albuterol

- reduction in post-intubation respiratory resistance by isoflurane and albuterol (Choi *et al*), 717

Beta-adrenergic agonists

- reduction in post-intubation respiratory resistance by isoflurane and albuterol (Choi *et al*), 717

Clonidine

- alpha-2 adrenergic agonists: refresher course outline (Maze), R13; R19
- clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold (Nicolau *et al*), 636

SYMPATHETIC NERVOUS SYSTEM,**PHARMACOLOGY** (*continued*)**Clonidine** (*continued*)

- clonidine improves perioperative autonomic control of the cardiovascular system in hypertensive patients undergoing major surgery: abstract (Parlow *et al*), A32-B
- the effectiveness of oral clonidine as a perioperative analgesic in paediatric adenotonsillectomy: abstract (Dunn *et al*), A54-B
- oral clonidine premedication decreases energy expenditure in human volunteers (Takahashi *et al*), 268

Dextrometomidine

- alpha-2 adrenergic agonists: refresher course outline (Maze), R13; R19

Epinephrine/Norepinephrine

- haemodynamic and catecholamine changes during rapid sevoflurane induction with tidal volume breathing (Nishiyama *et al*), 1066
- labour analgesia with intrathecal fentanyl decreases maternal stress (Cascio *et al*), 605

Salbutamol

- effects of inhaled salbutamol and ipratropium bromide on autonomic control of the cardiovascular system: abstract (Dagnone and Parlow), A45-A

6-OHDA

- inhibition of cerebral metabolic and circulatory responses to nitrous oxide by 6-hydroxydopamine in dogs: laboratory investigation (Nakanishi *et al*), 1008

- *see also* **PHARMACOLOGY****SYNDROMES****Abdominal Compartment Syndrome**

- abdominal compartment syndrome: clinical report (Reeves *et al*), 308

Acute Respiratory Distress Syndrome (ARDS)

- do we have to treat Acute Respiratory Distress Syndrome (ARDS) with inhaled nitric oxide?: abstract (Troncy *et al*), A33-A

Anterior spinal artery syndrome

- spinal artery syndrome masked by postoperative epidural analgesia: clinical report (Linz *et al*), 1178

Isaacs' Syndrome

- peripartum management of a patient with Isaacs syndrome: clinical report (Morgan), 1174

Leigh's Syndrome

- anaesthetic management of a patient with Leigh's syndrome: clinical report (Shenkman *et al*), 1091

Systemic Inflammatory Response Syndrome (SIRS)

- septic shock: review article (Baxter), 59

Wolff-Parkinson-White Syndrome (WPW)

- sevoflurane does not appear to have any effect on SA node function and intraatrial conduction in Wolff-Parkinson-White Syndrome (WPW): abstract (Cuillerier *et al*), A22-B
- sevoflurane does not appear to have electrophysiological effects upon the accessory pathway in Wolff-Parkinson-White (WPW) patients: abstract (Sharpe *et al*), A46-B

SYSTEMIC INFLAMMATORY RESPONSE**SYNDROME (SIRS)**, *see under* **SYNDROMES****TACHYCARDIA**, *see under* **COMPLICATIONS****TACRINE**, *see under* **PHARMACOLOGY****TAMPONADE**, *see under* **COMPLICATIONS****TEMPERATURE OF THE BODY**

- clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold (Nicolaou *et al*), 636
- comparison of distal oesophageal temperature with "deep" and tracheal temperatures: clinical measurement (Matsukawa *et al*), 433
- does radiant heat on the blush area inhibit shivering and decrease rewarming time through peripheral vasodilation? A proposed new method for rewarming postoperative cardiac and surgical patients: abstract (Cushing and Mills), A60-B
- heat conservation vs convective warming in adults undergoing elective surgery: brief report (Patel *et al*), 669

THALAMUS, *see under* **BRAIN****THEORIES OF ANAESTHETIC ACTION**, *see under* **ANAESTHESIA****THIOPENTAL**, *see under* **ANAESTHETICS, INTRAVENOUS****THIOPENTONE**, *see under* **ANAESTHETICS, INTRAVENOUS****THROMBOELASTOGRAPHY**, *see under* **MONITORING****THROMBOSIS**, *see under* **COMPLICATIONS****TOXICITY**

- inhaled nitric oxide: clinical applications, indications, and toxicology: review article (Troncy *et al*), 973
- serum bupivacaine concentrations during continuous extrapleural infusion (Dauphin *et al*), 367

TRACHEAL STENOSIS, *see under* **COMPLICATIONS****TRAIN-OF-FOUR**, *see under* **MONITORING****TRAMADOL**, *see under* **ANALGESICS****TRANEXAMIC ACID**, *see under* **PHARMACOLOGY****TRANSFUSION, BLOOD**, *see under* **BLOOD****TRANSPLANTATION**, *see under* **HEART; LIVER;****LUNG**

TUMOURS, METASTASIS

- halothane and isoflurane enhance melanoma tumour metastasis in mice: laboratory report (Moudgil and Singal), 90

UROLOGICAL SURGERY, see under ANAESTHESIA**VASCULAR SURGERY, see under ANAESTHESIA****VECURONIUM, see under NEUROMUSCULAR RELAXANTS****VEINS, CANNULATION**

- comparative topical anaesthesia of EMLA and liposome-encapsulated tetracaine (Hung *et al*), 707
- EMLA® patch for intravenous cannulation in adult surgical outpatients (Vaghadia *et al*), 798

VENTILATION**Artificial, non-invasive**

- treatment of acute respiratory failure by prolonged non-invasive ventilation in a child: clinical report (Marino *et al*), 727

Diaphragm

- non-invasive quantification of diaphragm kinetics using m-mode sonography: measurement technique (Ayoub *et al*), 739

Haemodynamic consequences

- haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study (Vedrinne *et al*), 354

High frequency, jet

- anaesthesia for tracheal resection - report of 17 cases: clinical report (Magnusson *et al*), 1282

Intensive care unit, oxygen

- attitudes and beliefs regarding O₂ therapy in mechanically ventilated patients in the ICU - a Canada-wide survey: abstract (Kavanagh and Ngo), A3-A

Mechanical

- haemodynamic changes induced by two I:E ratios: a transoesophageal echocardiographic study (Vedrinne *et al*), 354
- la correction du débit en présence d'une fuite entre trachée et sonde endotrachéale: laboratory investigation (Bijaoui *et al*), 216

One lung

- arterial oxygenation during one lung ventilation: a comparison between isoflurane and sevoflurane (Shimizu *et al*), 1162

Postoperative

- characteristics of respiratory muscles activity following anaesthesia and surgery: abstract (Jodoin *et al*), A27-A

VITAMIN E

- impaired antioxidant defence in guinea pig heart tissues treated with halothane: laboratory investigation (Durak *et al*), 1014

VOMITING**Dimenhydrinate**

- comparison of recovery following prophylactic ondansetron, dimenhydrinate and placebo in outpatient laparoscopy: abstract (Moote *et al*), A73-A
- gastric fluid volume in infants for pyloromyotomy (Cook-Sather *et al*), 278

Motion sickness

- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820

Postoperative nausea and vomiting

- comparison of tramadol and tramadol/droperidol mixture for patient-controlled analgesia (Ng *et al*), 810
- cost-effectiveness of inhalational, balanced and total intravenous anaesthesia for ambulatory knee surgery (Alhashemi *et al*), 118
- dose-response of flurbiprofen on postoperative pain and emesis after paediatric strabismus surgery: brief report (Mikawa *et al*), 95
- effect of treatment of subarachnoid morphine-induced pruritus on postoperative nausea and vomiting: abstract (Alhashemi *et al*), A18-B
- granisetron reduces postoperative nausea and vomiting throughout menstrual cycle (Fujii *et al*), 489
- granisetron reduces the incidence and severity of nausea and vomiting after laparoscopic cholecystectomy (Fujii *et al*), 396
- intravenous dolasetron mesilate ameliorates postoperative nausea and vomiting (Diemunsch *et al*), 173
- low incidence of the oculocardiac reflex and postoperative nausea and vomiting in adults undergoing strabismus surgery (Tramèr *et al*), 830
- perphenazine decreases vomiting by children after tonsillectomy: brief report (Splinter and Roberts), 1308
- postoperative nausea and vomiting (PONV); comparison of intraoperative use of alfentanil, fentanyl and sufentanil: abstract (Langevin *et al*), A25-B
- prevention of PONV with granisetron, droperidol and metoclopramide in female patients with history of motion sickness (Fujii *et al*), 820
- prophylactic antiemetic efficacy of granisetron in patients with and without previous postoperative emesis (Fujii *et al*), 273

VOMITING (*continued*)**Postoperative nausea and vomiting** (*continued*)

- prophylactic oral dolasetron mesylate reduces nausea and vomiting after abdominal hysterectomy (Warriner *et al*), 1167
- subhypnotic propofol does not treat postoperative vomiting in children after adenotonsillectomy (Zestos *et al*), 401
- vomiting after strabismus surgery in children: ondansetron *vs* propofol (Splinter *et al*), 825

Pre-operative prophylaxis

- prophylactic oral dolasetron mesylate reduces nausea and vomiting after abdominal hysterectomy (Warriner *et al*), 1167
- *see also* ANTIEMETICS

WARMING, *see* TEMPERATURE OF THE BODY

WOLFF-PARKINSON-WHITE SYNDROME (WPW),

see under SYNDROMES

